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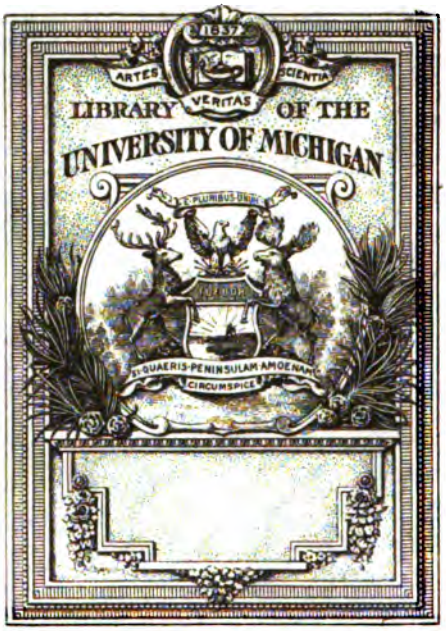

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THE

MAYOR'S MESSAGE

WITH

Accompanying Documents,

TO THE

MUNICIPAL ASSEMBLY

OF THE

CITY OF ST. LOUIS,

FOR THE FISCAL YEAR ENDING APRIL 11th, 1905.

PRINTED FOR THE MUNICIPAL ASSEMBLY.

1905.
ST. LOUIS CHRONICLE
PRINT.

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EXECUTIVE OFFICERS.

Mayor,
ROLLA WELLS.
James G. McConkey, Secretary.

Comptroller,
JAMES Y. PLAYER.
Wm. M. Lockwood, First Assistant Comptroller.
Joseph Pasquier, Jr., Second Assistant Comptroller.

Treasurer,
JAMES M. FRANCISCUS.
W. P. Samuel, Assistant Treasurer.

Auditor,
BERNARD DIERKES.
Edward Dierkes, First Deputy.

Register,
PATRICK R. FITZGIBBON.
Thomas H. Quinn, Deputy.

Collector.
LUDWIG F. HAMMER, JR.
August H. Aherns, Chief Deputy.

Marshal,
JAMES SCULLIN.
Randolph Scullin, Chief Deputy.

Inspector of Weights and Measures,
PATK. J. McMAHON.
Andrew Haley, Assistant.

License Collector,
P. J. CLIFFORD.
W. T. Maginnis, Deputy License Collector.

President Board of Assessors,
JOHN J. O'BRIEN.
D. P. O'Brien, Chief Deputy.

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President Board of Public Improvements,
HIRAM PHILLIPS.
Waller Edwards, Secretary.

Coroner,
ROBERT M. FUNKHOUSER.

Sheriff,
JOSEPH F. DICKMANN.
Jos. Dickmann, Jr., Chief Deputy.

Recorder of Deeds,
PAUL YOUNG, JR.
Wm. P. Lightholder, Chief Deputy.

Jailer,
JAMES A. DAWSON.

Chief Fire Department,
CHAS. E. SWINGLEY.
Robt. E. Jenks, Secretary.

Superintendent Fire and Police Telegraph Alarm,
TIMOTHY F. ALMON.
Robert Quain, Chief Operator.

Superintendent Work House.
ANDREW SCULLY.

Jury Commissioner,
JAMES W. CORCORAN.
George B. Drown, Deputy.

Board of Election Commissioners,
JAMES McCAFFERY, Chairman.
JOHN M. WOOD,
LOUIS P. ALOE.
John Elsperman, Jr., Secretary.

Inspector of Boilers,
JOSEPH G. BRANCH,
Phil. H. Sheridan, Secretary.

Assessor and Collector Water Rates,
F. SCHARWITZ.
Chas. H. Specht, Deputy.

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Supervisor City Lighting,
THOS. B. CARTER.
H. B. Hutchinson, Clerk.

Supervisor Plumbing and Drainlaying,
EDWARD P. QUINN.
James J. Cullen, Clerk.

Commissioner of Public Buildings,
G. U. HEIMBURGER.
James A. Smith, Deputy.

City Chemist,
WALTER BERNAYS.
Thos. A. Buckland, Assistant.

Board of Police Commissioners,
WM. G. FRYE, President.
THEO. R. BALLARD, Vice-President.
RICHARD HANLON, Treasurer.
ANDREW F. BLONG, Purchasing Agent.
ROLLA WELLS, Mayor, ex-Officio.
Thos. J. Ward, Secretary.
Matthew Kiely, Chief.

Board of Health,
ROLLA WELLS, Mayor and ex-Officio President.
JOHN H. SIMON, Health Commissioner.
CHARLES W. FRANCIS, Assistant Health Commissioner.

Members,
JOS. L. HORNSBY, President Council.
ALBERT N. MERRELL, M. D.
H. WHEELER, BOND, M. D.
A Police Commissioner Designated by the Mayor.

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APPOINTED OFFICERS.

Board of Public Improvements,
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Board,
CHARLES VARRELMANN, Street Commissioner.
BEN C. ADKINS, Water Commissioner.
JOSEPH P. WHYTE.
ROBERT AULL, Park Commissioner.
F. P. VALLIANT, Sewer Commissioner.
JOSEPH PASQUIER, Assessor Special Taxes.

City Counselor,
CHARLES W. BATES.

Associate City Counselor.
WILLIAM F. WOERNER.

Second Associate City Counselor,
BEN H. CHARLES.

Assistant City Counselor,
CHAS. R. SKINKER.

City Attorney,
THOS. L. ANDERSON.

Assistant City Attorney,
E. A. NOONAN, JR.
HENRY A. KERSTING.

Judge of Police Court—First District,
DANIEL O'CONNELL TRACY,
Owen S. Macaulay, Clerk.

Judge of Police Court—Second District,
WM. JEFF. POLLARD.
Wm. H. Carter, Clerk.

Judge of Police Court—South of Arsenal Street,
FRANK M. KLEIBER.
Charles J. Courtney, Clerk.

Clerk Board of Health,
FRANK A. J. HILLER.

Board of Commissioners of Charitable Institutions,
W. H. McCLAIN, President.
GUSTAVE CRAMER.
H. L. CHRISTIE.
EDWARD DEVOY.
M. BERMHEIMER.
CORTEZ A. KITCHEN, Secretary.

Commissioners of Supplies,
JOHN P. BOYCE.
Chas. I. J. Richardson, Deputy.

Smoke Inspector,
CHAS. H. JONES.

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H. O. WYANT, Assessor 2d District.
A. M. PRICE, Assessor 3d District.
JOHN P. SHINE, Assessor 4th District.
JAS. DUROSS, Assessor 5th District.
JOHN McCAFFREY, Assessor 6th District.
JOHN J. SHEEHAN, Assessor 7th District.
JOSEPH L. DEVOY, Assessor 8th District.
JOHN KING, Assessor 9th District.
WM. MOCKLER, Assessor 10th District.

House of Refuge.
ROLLA WELLS, Mayor, ex-Officio Manager.
FRANK PAULE.
MRS. CLARA L. BAUMHOFF.
MRS. JULIA L. TRELEASE.
ROBERT RUTLEDGE.
ALLEN P. RICHARDSON, Superintendent.

City Hospital,
JOHN YOUNG BROWN, Superintendent.

Insane Asylum,
HENRY S. ATKINS, M. D., Superintendent.

Poor House,
HENRY E. HART, Superintendent.

Quarantine,
MICHAEL J. DWYER, M. D.

Female Hospital.
OSCAR H. ELBRECHT, M. D.

Commissioners of Mullanphy Emigrant Relief Fund,
Daniel S. Hatton, John P. Leahy, Louis Glaser,
John A. Reheis, John F. Hines, M. J. Cullen, Wm. J. Tracy,
Jacob Walter, John B. Denvir, J. Mullanphy Cates, J. L. Serafini.

M. J. MURPHY, Pres.
JOSEPH PAULY, Vice-Pres.
ROLLA WELLS, Mayor, ex-Officio.
P. J. HEUER, Secretary.
J. N. FINING, Assistant Secretary.

City Bacteriologist,
DR. C. A. SNODGRASS.

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ED. L. PREETORIOUS.
W. K. BIXBY.

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CHAS. C. BLAND, Presiding Judge.
SHEPARD BARCLAY.
R. L. GOODE.
John H. Murphy, Clerk.

Judge Probate Court,
THOS. B. CREWS,
Bruce Stark, Clerk.

Judges Circuit Court,
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MOSES N. SALE.
SELDEN P. SPENCER,
JOHN O'NEILL RYAN,
JOHN A. BLEVINS,
DANIEL D. FISHER,
WALTER B. DOUGLAS,
ROBERT M. FOSTER,
JESSE A. McDONALD.
DANIEL G. TAYLOR.

Judges Circuit Court for Criminal Causes,
HORATIO D. WOOD,
JAMES R. KINEALY.
Jos. W. Folk, Circuit Attorney.
Winfield S. Hancock, Assistant Circuit Attorney.
Andrew C. Maroney, Assistant Circuit Attorney.
Caspar Wolff, Clerk.

Judge Court of Criminal Correction.
HIRAM N. MOORE.
Chas. P. Williams, Prosecuting Attorney.
John D. Dalton, Assistant Prosecuting Attorney.
John J. Manton, Clerk.

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ORGANIZATION OF THE HOUSE OF DELEGATES.

1903-1904.

ANDREW GAZZOLO, Jr., - - - - - - - Speaker
JOHN R. McCARTHY, - - - - - - Speaker pro tem.
JOSEPH N. JUDGE, - - - - - - - - - - Clerk
HENRY L. BLOCK, - - - - - - - - Assistant Clerk
PHIL. DWYER, - - - - - - - - - Sergeant-at-Arms
DANIEL A. CORBETT, - - - - - - - - - Page

DIRECTORY OF THE HOUSE OF DELEGATES.

Ward.	MEMBER.	PLACE OF BUSINESS.	RESIDENCE.
1	WALTER D. GRIFFIN	12th and Chestnut sts	4519 Labadie av.
2	CHARLES WITTHOEFFT	417 Pine st	3315 N. Ninth st.
3	TIMOTHY McAULIFFE	13th and Cass av	1411 N. Seventh st.
4	THOS. E. KINNEY	209 N Ninth st	1012 Collins st.
5	ISAAC CONRAN	7 S. Ninth st	108 N. Twelfth st.
6	W. C. ZIMMERMANN	1024 Chouteau av	1027 S Tenth st.
7	GEORGE ROTT	1464 S. Second st	1564 S. Second st.
8	EDW. M. BLOCK	1730 S. Broadway	1730 S Broadwav.
9	THOS. S. STOOPS	2849 S. 18th st	1905 Lynch st.
10	WM H. HUGHES	225 Wainwright Building	3541 California av.
11	EDW. J. O'NEILL	901 Olive st	731 Loughborough av.
12	A J. HAMMERSTEIN	2437 Lemp av	2437 Lemp av.
13	FRED WIEDMER	214 Chamber of Commerce	2618 Eads av.
14	JOHN B. WILLIAMS	Bridge Office, No. 12	539 S. 23d st.
15	ANDREW GAZZOLO, Jr	2001 Morgan st	901 N Twentieth st.
16	TIMOTHY MOLONEY	Odd Fellows' Building	2327 Dickson st.
17	H. L. WEEKE, Jr.	2500 Cass av	2107 Mullanphy st.
18	WM. A. BLOCK		1804 Warren st.
19	GEO. R. NORP		S. E. cor. Grand av. and Nat. Bridge Road.
20	JOHN J. O'BRIEN	2625 Cass av	1521 N. Jefferson av.
21	DANIEL F. MEEHAN	12th and St. Charles sts	3623 Lucky st.
22	JOHN R. FONTANA	915 Olive st	2600 Olive st.
23	JOHN R. McCARTHY	3865 Forest Bark Bld	3418 Laclede av.
24	J. G. TESCHMACHER		Clifton and Wilson av.
25	LEE W. HAGERMAN	105 N. Seventh st	3654 W. Pine bl.
26	JAMES T BRENNAN	4041 Easton av	4041 Easton av.
27	WALTER W. BIRGE	Duncan and Vandeventer	2949 Euclid av.
28	EDGAR C. LACKLAND	Missouri Trust Bldg	4429 Westminster pl

Regular Meetings, Tuesday and Friday of each week, at 7 p. m.

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ORGANIZATION OF THE COUNCIL.

1903-1904.

OFFICERS.

JOSEPH L. HORNSBY,	President.
JOSEPH BOYCE,	Vice-President.
GEORGE F. MOCKLER,	Secretary.
CORTEZ A. KITCHEN,	Assistant Secretary.
RICHARD M. WRAY,	Sergeant-at-Arms.

DIRECTORY OF THE COUNCIL.

NAMES.	PLACE OF BUSINESS.	RESIDENCE.
JOSEPH BOYCE	Chemical Building	3756 West Pine bl.
H. N. DAVIS	20th and Locust sts	56 Vandeventer pl.
W. A. GARDNER	317 Chamber of Com'ce	4122 Maryland av.
CHAS. E. GIBSON	Temple Building	2046 Lafayette av.
B. J. LAWLOR	127 Laclede Building	1510 N. Garrison av.
GEO. D. MARKHAM	Century Building	4961 Berlin av.
HEINE MARKS	2930 Morgan st.	2930 Morgan st.
JAMES P. NEWELL	Security Building	2925 Castleman av.
HENRY G. ROLFES	2505 S. Broadway	1703 Park av. (Bolms' Drug Store)
JEREMIAH SHEEHAN	1012 Locust st	3638 Garfield av.
JOSEPH SPIEGELHALTER, Jr.	506 Olive st.	3503 Sidney st.
JOSEPH L. HORNSBY, President.	Rialto Building	5615 Michigan av

Regular Meetings, Tuesday and Friday of each week at 5 p. m

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MAYOR'S MESSAGE.

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MAYOR'S MESSAGE.

EXECUTIVE DEPARTMENT.

Mayor's Office,
St. Louis, February 24, 1905.

To the Honorable Municipal Assembly, St. Louis:

Gentlemen—In accordance with the provisions of the City Charter, I have the honor to transmit to you, for your consideration, the reports of the heads of the various municipal departments for the fiscal year ending April 11, 1904. They are forwarded to your honorable body through the Council.

Very truly,

(Signed.) ROLLA WELLS,

Mayor.

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CITY FINANCES.

Report

OF THE

COMPTROLLER

OF THE

CITY *of* ST. LOUIS

FOR FISCAL YEAR
1903-1904.

Submitted to the Municipal
Assembly.

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CITY FINANCES.

REPORT OF THE COMPTROLLER

—OF THE—

CITY OF ST. LOUIS

For Fiscal Year 1903-1904.

SUBMITTED TO THE MUNICIPAL ASSEMBLY.

COMPTROLLER'S OFFICE, St. Louis, June 15, 1904.

To the Municipal Assembly of the City of St. Louis—

GENTLEMEN:—In compliance with Section 48, Article IV, of the Charter, I have the honor to submit herewith my annual report covering the financial transactions and condition of the city for the fiscal year ending April 11th, 1904, and estimates of the resources and appropriations required for the ensuing fiscal year.

Through the separation of the revenue funds, and the systematic classification of receipts and disbursements in comparative statistical tabulations, I have endeavored to present in this report clear and comprehensive statements showing, with the utmost detail and exactness, all financial transactions subsequent to 1895.

The progressive development of the city can be seen at a glance by turning to Exhibit No. 1 of the Appendix, which shows the assessed valuations made annually of real and personal property for the purposes of taxation, the rate of taxation and, approximately, the annual revenue derived from taxation from 1877 to date.

In Exhibit No. 2 of the Appendix will be found a comparative record of the bonded and floating debts of the city, by years, for the past twenty-seven years. In this connection it is gratifying to note that while the population of the city has increased from 350,818 in 1880 to 612,279 in 1904, and the assessed valuation of property from $160,750,-440.00 in 1880 to $428,510,340.00 in 1904, the bonded debt, including

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the issue of $5,000,000.00 of bonds in aid of the World's Fair celebrating the Louisiana Purchase Centennial, has been increased less than $1,000,000.00 during the same period; that is to say, from $22,787,000.00 to $23,539,278.30.

In Exhibit No. 3 of the Appendix, which shows the condition of the four revenue funds at the end of each fiscal year back to the year ending April 9th, 1877, it is surprising to see that the restrictions of the Charter providing against overdrafts have been so carefully observed, especially when we take into consideration the fact that the revenue for municipal purposes particularly has been, undoubtedly, insufficient to the extent of at least $1,000,000.00 or more each year for the past ten years to meet the necessary requirements of the various departments of the city government. The resources of the other funds,—Public Debt Revenue, Water Works, and Harbor Fund,—have been, and will continue to be, amply sufficient, unless carelessly administered, to meet all necessary requirements. Hereafter the interest on the Water Works indebtedness of $5,808,000.00, amounting to $222,365.65 per annum, will be met out of Water Works Revenue, and $300,000.00 set aside annually as a Sinking Fund for the redemption of the Water Works bonds at maturity.

By reference to the comparative tabular exhibits Nos. 4 and 5 in the Appendix,—Receipts and Disbursements,—covering a period of nine years, with a recapitulation extending over a period of eighteen years, little difficulty will be found in tracing, as far as figures can be made to record history, the transitions and innovations occurring from time to time in the administration of the fiscal affairs of the city.

The amounts set apart out of the various revenue funds for new public work from 1887 to 1904, inclusive, are shown in Exhibit No. 6 of the Appendix. The falling off in appropriations for new public work is usually coincident with abnormal appropriations and expenditures for other purposes, or indicates, as was the case in 1901-1902, the necessity of setting aside large amounts to provide for the payment of bills that should have been met out of the previous year's income. You will remember that at the beginning of the fiscal year ending April 7th, 1902, there was in the Treasury, to the credit of Municipal Revenue, a nominal balance of $28,595.65; but there were also outstanding obligations amounting to $150,778.83 at the close of the previous year which had to be provided for out of the income applicable to municipal purposes for the year 1901-1902.

In Exhibit No. 7 of the Appendix, which shows the area, location, present uses, purchase price and valuation of all real estate and improve-

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ments belonging to the city of St. Louis, an entirely new feature has been added to the statistical tabulations accompanying my annual report. Amended from year to year so as to show the sale or purchase of property and the increase or decrease of valuations this Exhibit will prove of considerable value to many of the departments.

The following comparative statement shows the total resources of the four revenue funds, the total of appropriations and disbursements from these funds and the balances in the Treasury at the close of each fiscal year for the past four years:—

	Year ending April 8, 1901.	Year ending April 7, 1902.	Year ending April 13, 1903.	Year ending April 11, 1904.
Interest and Public Debt Revenue Fund—				
In Treasury at beginning of year.	$ 956,032 20	$1,006,223 26	$ 966,303 62	$ 736,009 24
Receipts into the Treasury.....	1,250,853 39	1,160,929 65	1,314,117 06	1,211,619 32
Total Resources.....	$2,206,885 59	$2,167,152 91	$2,280,420 68	$1,947,628 56
Appropriations and Expenditures.	1,200,662 33	1,200,849 29	1,544,411 44	1,540,650 90
Balace to credit at end of year.	$1,006,223 26	$ 966,303 62	$ 736,009 24	$ 406,977 66
Municipal Revenue Fund—				
In Treasury at beginning of year.	*	$ 28,595 65	$ 305,555 93	$ 375,759 93
Receipts into the Treasury.....	$5,975,814 13	6,260,633 30	6,805,271 04	8,201,346 17
Total Resources.....	$5,975,814 13	$6,289,228 95	$7,110,826 97	$8,577,106 10
Appropriations and Expenditures.	5,947,218 48	5,983,673 02	6,735,067 04	7,902,931 34
Balance to credit at end of year.	$ 28,595 65	$ 305,555 93	$ 375,759 93	$ 674,174 76
Water Works Revenue Fund—				
In Treasury at beginning of year.	$ 920,864 30	$ 995,693 91	$1,541,431 85	$1,826,240 99
Receipts into the Treasury.....	1,630,046 95	1,773,665 36	1,827,350 72	1,819,896 70
Total Resources.....	$2,550,911 25	$2,769,359 27	$3,368,782 57	$3,646,137 69
Appropriations and Expenditures.	1,555,217 34	1,227,927 42	1,542,541 58	1,625,805 26
Balance to credit at end of year.	$ 995,693 91	$1,541,431 85	$1,826,240 99	$2,020,332 43
Harbor Fund—				
In Treasury at beginning of year.	$ 41,757 28	$ 44,079 21	$ 52,040 46	$ 50,098 86
Receipts into the Treasury.....	61,792 26	65,990 30	83,433 88	85,468 28
Total Resources.....	$ 103,549 54	$ 110,069 51	$ 135,474 34	$ 135,567 14
Appropriations and Expenditures.	59,470 33	58,029 05	85.375 48	56,971 29
Balance to credit at end of year.	$ 44,079 21	$ 52,040 46	$ 50,098 86	$ 78,595 85

*Deficit of $121,746.66.

The decrease in the balance to the credit of Interest and Public Debt Revenue Fund at the close of the last fiscal year is attributable to a reduction in the rate of taxation levied for Interest and Sinking Fund purposes, applicable to valid indebtedness outstanding on the 7th day of April, 1890, from 20 cents to 12 cents on the $100.00 valuation. It

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was found possible to make this very considerable diminution for one year in the tax levy for Interest and Sinking Fund purposes without danger of impairing the integrity of the Sinking Fund, and at the same time secure a temporary advantage, at least, by employing the amount of the reduction in the interest rate to swell the tax levy for Municipal Revenue purposes.

The complications arising from Charter limitations made it impossible to effect an issue of bonds for general public improvements such as were contemplated, and it, therefore, became imperatively necessary to augment the Municipal Revenue Fund either through the method adopted or by an abnormal increase in the rate of taxation for municipal purposes, so as to guard against costly delays in the prosecution of important new work and, at the same time, meet unusual demands for extraordinary appropriations to cover exigencies.

Having accomplished the end in view of preserving a balance in Municipal Revenue sufficient, in conjunction with the revenue derived from the ordinary tax levy for municipal purposes for the ensuing year, to provide for the requirements of the various departments and, also, for the unusual demands of a World's Fair period, it will be necessary to return to the former rate of tax levy for Interest and Sinking Fund purposes and safe to reduce the rate for municipal purposes in accordance therewith without materially affecting appropriations for new public work. Through the replenishing of the Sinking Fund by the restoration of the tax rate for Interest and Sinking Fund purposes $2,000,000.00 will be available for the redemption and retirement of $900,000.00 of 6% Park bonds issued in 1875, and maturing April 1st, 1905, and $950,000.00 of 4% bonds issued in 1885, to meet a judgment against the city in favor of the St. Louis Gas Light Company, thus leaving only $1,000,000.00 of bonds bearing 6% interest, and due in 1905, to be renewed at, of course, a much lower rate of interest.

It will be necessary to maintain a large balance in the Water Works Revenue Fund until 1908 in order to set aside annually out of that fund, under the requirements of the Charter, $522,365.65 to be applied to Interest and Sinking Fund purposes in connection with the Water Works bonded debt of $5,808,000.00, and to be prepared to extend the system as rapidly as the growth of the city makes it necessary.

The marked increase in Harbor Fund receipts and balances in the treasury during the past two years is due to the judicious administration of the Harbor and Wharf department. Old leases have been renewed and new leases made based on largely increased valuations of wharf property, and careful attention has been given to the collection of wharfage dues.

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In the comparative statement which follows is given in detail the revenue from all sources, the cost of maintaining each department and the appropriations and disbursements for all purposes from each of the revenue funds for the past four years.

RESOURCES.

	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Interest and Public Debt Revenue				
Balance to credit at beginning of year	$ 956,032 20	$1,006,223 26	$ 966,303 62	$ 736,009 24
Current and Delinquent Taxes	1,158,830 01	1,036,680 42	1,276,955 71	989,253 67
Interest on City's Current Deposits	92,023 38	124,249 23	.....	.....
Interest accrued on World's Fair Bonds, etc.	.....	.....	37,161 35	.....
Interest on Water Works Bonds	.....	.....	.....	222,365 65
Total Interest and Public Debt Revenue	$2,206,885 59	$2,167,152 91	$2,280,420 68	$1,947,628 56
Municipal Revenue—				
Balance to credit at beginning of year	.....	$ 28,595 65	$ 305,555 93	$ 375,759 93
Current and Delinquent Taxes	$3,702,435 05	3,879,359 27	4,118,504 66	5,202,492 71
Licenses—Dramshops	1,001,573 05	1,051,968 69	1,125,827 01	1,214,809 72
All other Licenses	513,792 50	655,256 88	717,346 55	837,653 40
Franchises	157,260 90	205,109 31	224,456 90	266,440 74
Surplus Commissions of Collector	32,307 15	27,550 03	27,692 84	.....
Justice of the Peace Courts	45,498 76	49,059 82	51,109 78	45,606 79
Police Courts	8,245 50	16,477 25	27,526 00	50,791 25
All other Fines, Fees and Commissions	67,112 39	69,639 37	45,587 15	52,911 33
Market Rents	29,764 75	30,828 20	32,420 74	32,546 42
Scales	14,420 51	17,299 80	19,732 96	21,547 43
Boiler and Elevator Inspections	14,144 00	13,874 00	12,748 00	14,560 00
Inspector of Weights and Meas.	9,760 25	9,868 75	10,434 40	10,941 75
Building Permits	8,937 00	14,240 00	16,106 00	18,416 50
Recorder of Deeds	39,486 40	45,320 20	52,154 54	54,279 10
Interest on City's Current Deposits	.....	.....	161,278 55	187,786 25
Rents	1,981 79	6,731 90	4,088 02	3,940 79
Factory Inspector	.....	3,830 00	3,652 00	3,023 00
Board of Health Permits	989 00	1,107 00	1,170 00	1,276 00
Board of Patients at Institutions	7,946 30	7,520 08	6,889 90	14,450 54
State's Portion Cost of Assessing the Revenue	36,397 85	40,058 78	35,680 07	35,659 82
State's Portion for St. Louis Court of Appeals	2,757 20	.....	2,829 75	.....
Sales of Real Estate	.....	.....	10,000 00	5,175 00
Sales of Useless Property and Articles of Deceased	3,797 14	3,168 20	6,443 71	10,125 65
Fees from Various Sources	3,142 80	2,086 83	899 64	5,462 57
Interest, Tax Bills, Insurance, Bonds forfeited, etc.	4,246 28	10,798 13	7,476 46	3,235 78
Overpayments returned, etc.	765 06	2,444 25	3,865 70	3,220 65
Total Municipal Revenue	$5,706,811 63	$6,192,192 39	$7,026,477 26	$8,472,113 12
Transfers—Amounts Paid out of Municipal Revenue, Chargeable to the following Funds and Accounts—				
Water Works Revenue	$ 89,506 15	$ 19,056 86	$ 11,083 55	$ 3,026 33
Harbor Fund	160 49	95	.....	5,000 20
Street Sprinkling—Special	9,301 55	13,842 33	16,406 84	14,526 31
Contract and other Deposits	17,162 77	10,917 29	21,172 31	36,910 76

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RESOURCES—Continued.

	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Plumbing Inspections	$ 6,131 00	$ 9,024 00	$ 11,174 00	$ 11,739 00
Warrant and Pay Roll Account	103 55	887 87	202 01	1,320 16
House of Refuge and Poor House Bakery	1,012 54	4,945 94	1,226 73	1,869 53
Witness and other Fees, Criminal Cases	2,851 25	36,935 58	20,522 15	27,830 54
New City Hall Furnishings	.....	.....	.....	29 76
Special Tax Fund	.....	1,425 74	998 00	20 00
Sewer Construction	.....	.....	165 00	1,356 69
Street Reconstruction and Improvements	6,766 55	.....	1,378 87	1,363 70
Real Estate and Real Estate Notes	103,177 85	.....	.....	.....
Construction of Engine Houses and Purchase of Lots	26,030 17	.....	20 25	.....
Work House	5,500 00	.....	.....	.....
Municipal Assembly Furnishings	798 63	.....	.....	.....
Total Resources Munic. Rev.	$5,975,814 13	$6,289,228 95	$7,110,826 97	$8,577,106 10
Water Works Revenue—				
Balance to credit at beginning of year	$ 920,864 30	$ 995,693 91	$1,541,431 85	$1,826,240 99
Water Licenses, Permits, etc.	1,607,168 82	1,756,565 90	1,748,541 21	1,707,573 75
Sales of Useless Property, etc.	13,691 82	1,340 92	10,882 17	31,862 45
Total Water Works Revenue.	$2,541,724 94	$2,753,600 73	$3,300,855 23	$3,565,677 19
Transfers—Amounts Paid out of Water Works Revenue Chargeable to the following Funds and Accounts—				
Contract and other Deposits	$ 5,924 07	$ 11,119 89	$ 26,589 64	$ 21,803 84
Sprinkling Streets	3,019 60	4,584 53	4,691 60	3,560 18
Municipal Revenue	229 77	.....	.....	88 85
Water Works Extension	.....	.....	2,508 40	55,000 00
Warrant and Pay Roll Account.	12 87	54 12	10 50	7 63
Water Pipe Fund	.....	.....	34,127 20	.....
Total Resources Water Works Revenue	$2,550,911 25	$2,769,359 27	$3,368,782 57	$3,646,137 69
Harbor Fund—				
Balance to credit at beginning of year	$ 41,757 28	$ 44,079 21	$ 52,040 46	$ 50,093 86
Wharfage Rents	60,757 71	65,181 65	82,182 76	82,827 97
Sales of Useless Property, etc.	.....	20 00	198 02	140 31
Total Harbor Fund	$ 102,514 99	$ 109,280 86	$ 134,421 24	$ 133,067 14
Transfers—Amounts Paid out of Harbor Fund Chargeable to the following Funds and Accounts—				
Municipal Revenue	$ 734 55	$ 788 65	$ 1,053 10	$ 2,500 00
Water Works Revenue	300 00	.....	.....	.....
Total Resources Harbor Fund	$ 103,549 54	$ 110,069 51	$ 135,474 34	$ 135,567 14

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APPROPRIATIONS AND EXPENDITURES.

	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Interest and Public Debt Revenue				
Remittances on Account Interest	$ 778,409 28	$ 778,409 28	$ 940,909 28	$ 928,656 78
Expenses in Connection with Bonded Debt	662 33	849 29	911 44	3,403 40
Sinking Fund, as Required by Article 14, Charter	421,590 72	421,590 72	421,590 72	421,590 72
Sinking Fund, as Required by Ordinance 20,641	.....	.....	181,000 00	187,000 00
Total Appropriations and Expenditures	$1,200,662 33	$1,200,849 29	$1,544,411 44	$1,540,650 90
Municipal Revenue—				
Courts	$ 280,989 05	$ 271,083 24	$ 272,417 39	$ 303,180 03
Jury Commissioner	9,436 58	19,893 96	9,281 93	19,656 58
Jury and Witness Fees	39,744 98	42,292 90	40,063 60	56,999 80
Law Department	17,444 75	17,170 77	18,896 03	20,258 58
Marshal's Office	23,637 32	23,909 41	25,955 82	28,200 01
Coroner	18,124 94	20,015 76	20,743 26	22,420 35
Morgue	5,907 99	6,703 00	5,495 37	4,383 82
Board of Engineers and Boiler Inspector	12,006 88	11,853 04	11,334 68	12,232 62
Inspector of Weights and Meas.	7,880 26	8,084 24	7,732 45	8,148 94
Recorder of Deeds	47,012 47	45,801 51	47,123 53	50,368 74
Fire Alarm Telegraph	46,965 51	59,087 18	67,143 76	69,230 56
Fire Department	665,317 36	706,314 44	737,490 63	783,783 45
Board of Health and Commissioner	108,895 87	107,099 45	122,534 09	120,083 92
City Dispensary	44,823 10	52,406 34	56,890 54	54,126 64
Emergency Hospital No. 2	.....	.....	.....	45,364 91
City Hospital	121,855 20	126,043 72	142,141 08	120,315 96
Female Hospital	55,012 84	60,155 55	65,639 20	60,192 64
Insane Asylum	110,058 25	119,414 45	122,330 01	127,097 42
Poor House	134,926 21	140,366 81	145,529 03	142,302 34
Quarantine and Small Pox Hospital	19,241 23	47,825 20	53,088 62	22,950 78
Reduction of Garbage	65,700 00	127,325 00	129,999 96	86,666 64
Removal of Garbage	127,200 00	89,788 86	127,200 00	84,800 00
House of Refuge	73,522 57	66,613 85	59,592 49	55,666 54
Jail	40,435 08	42,237 71	42,489 77	41,148 39
Work House	70,354 75	71,396 09	68,013 18	63,410 60
Lighting Streets, Alleys, Parks and Public Places	423,185 25	502,079 49	526,150 17	551,759 84
Lighting Public Buildings	91,304 85	83,820 77	66,297 89	72,324 10
Police	1,598,158 69	1,623,061 76	1,553,513 74	1,578,398 51
Public Buildings—				
Old City Hall	1,107 41	1,233 40	2,153 84	2,434 03
New City Hall	22,007 47	25,233 35	30,356 37	37,714 61
Court House	10,020 63	10,655 45	11,684 14	24,836 00
Four Courts	15,784 98	13,684 94	17,031 58	17,249 07
Board of Public Improvements, President's Department	43,863 99	48,660 08	54,906 22	57,188 77
Fund for Numbering Houses	1,000 00	1,489 99	1,809 85	1,849 80
Parks	118,716 28	115,369 62	127,778 20	142,221 33
Sewers, Salaries, Expenses and Repairs	100,232 57	97,839 07	135,076 69	139,449 83
Streets—Commissioner's Dept.	72,702 16	54,932 53	55,353 03	52,948 94
Streets—All other Expenses	412,672 96	383,787 90	660,701 68	1,079,395 29
Assessment of the Revenue	73,492 44	72,211 41	71,363 93	70,595 95
Commissioner of Public Bldgs.	17,083 77	20,818 32	24,917 35	31,545 24
Commissioner of Supplies	15,258 31	17,285 92	17,962 94	19,003 92
Factory Inspector	67 74	5,689 21	5,888 59	5,611 45
License Commissioner	30,128 36	33,941 16	35,728 22	36,091 17
Milk Inspector	1,014 00	2,129 30	695 85	.....
Municipal Assembly	40,507 25	40,104 64	36,977 83	38,213 09
Plumbing Inspection Dept.	10,039 73	10,228 31	12,623 91	13,502 02
Salaries of Mayor, Comptroller, Auditor, Register and Treasurer	80,228 82	81,349 67	83,564 17	85,082 49
Catching and Killing Dogs	6,000 00	4,999 50	4,999 50	4,999 50

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APPROPRIATIONS AND EXPENDITURES—Continued.

	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Contingent Fund	$ 31,390 79	$ 59,630 82	$ 36,804 41	$ 37,242 17
Election and Registration	94,963 63	165,463 56	108,207 16	116,959 61
Insurance	7,041 66	7,599 75	10,710 15	6,076 95
Judgments, Payable from Municipal Revenue	3,453 17	12,376 98	55,440 05	66,983 47
Making back Tax Books and Bills	3,500 00	3,756 78	2,700 00	3,000 00
Markets	6,578 77	6,675 27	7,058 69	7,304 08
Mayor's Contingent Fund	1,500 00	7,000 00	7,000 00	10,000 00
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer	886 38	3,249 69	3,871 35	3,968 55
Smoke Abatement Department	.....	4,396 14	7,756 93	7,425 85
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer	30,654 98	32,576 03	22,998 74	24,177 38
Real Estate Account	1,260 93	1,222 58	1,733 41	3,114 99
Scales	4,920 21	4,707 72	4,056 66	3,536 88
Scavenger Dumps	9,958 11	9,253 57	9,815 02	9,738 07
Concerts in Public Parks	.....	.....	3,982 00	.....
Expenses in Connection with World's Fair Bond Issue	.....	.....	8,915 03	.....
Total Appropriations for General Purposes	$5,527,179 48	$5,851,397 16	$6,227,711 71	$6,764,933 21
New Public Work—Improvements and Special Purposes—				
Sewer Construction	$ 2,754 02	.....	$ 129,500 00	$ 114,864 94
Street Reconstruction	2,846 29	$ 162 38	15,152 90	33,574 00
Street Improvement	.....	.....	652 73	.....
Sewer Reconstruction	.....	.....	55,246 70	33,020 00
Public Sewers—New Inlets	.....	.....	17,000 00	.....
Street Bridges and Culverts	.....	25,000 00	12,000 00	90,000 00
Total New Public Work	$ 5,600 31	$ 25,162 38	$ 229,552 33	$ 271,458 94
Special Purposes—				
Opening Streets — Assessed against City	$ 129,137 02	$ 6,264 25	$ 10,000 00	$ 10,000 00
Firemen's Pension Fund	7,310 66	7,576 83	8,535 71	9,215 30
Retained Percentages	23,274 51	1,916 86	26,999 61	1,334 29
Erection of Hospital Buildings	55,935 74	58,248 43	106,635 96	207,209 21
Courts	650 00	.....	.....	.....
Fire Alarm Telegraph, Laying Wire underground	14,997 65	.....	.....	.....
New City Hall—				
Furnishing	1,136 20	.....	3,000 00	1,394 57
Erection	.....	.....	.....	150,000 00
Installing Motors	.....	.....	.....	1,500 00
Additional Heating Apparatus	.....	250 00	.....	.....
Construction Electric Light Plant	.....	.....	33,000 00	.....
Installation of Elevators	.....	.....	12,000 00	.....
Police — Erection of Station House and Purchase of Lots	27,200 00	.....	.....	.....
Public Drinking Fountains, Erection of	300 00	300 00	600 00	600 00
Relief Ordinances	8,774 04	47 50	748 75	86,983 36
Special Tax Fund—New Work	9,774 51	3,618 56	.....	.....
Sprinkling Streets—City's Portion	590 25	495 07	366 95	332 64
Service Shorthand Reporter — Tetanus Inquiry	.....	426 30	.....	.....
Female Hospital — Erection of Kitchen and Laundry	.....	5,600 00	.....	.....
City Treasury Notes—Municipal Currency	.....	300 00	.....	.....

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APPROPRIATIONS AND EXPENDITURES—Continued.

	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Poor House—				
Dairy, Erection of			$ 6,100 00	
Additions				$ 100,000 00
Installing Boilers				5,300 00
Insane Asylum—				
Const'n Electric Light Plant			12,000 00	
Installing Boilers			5,000 00	
Repairing Laundry			477 40	
Kingshighway Boulevard Commission			2,000 00	
Four Courts—Improvements and Alterations			2,500 00	
Construction of Sidewalks			3,190 00	
Engine Houses—				
Alterations and Reconstruction			20,000 00	
Purchase of				88,000 00
Construction and Purchase of Lots				68,100 00
Emergency Hospital No. 2—				
Purchase of				44,666 65
Installing Boilers				4,800 00
Fire Escapes				1,119 00
Garbage Hauling Plant, Purchase of				51,092 00
New Public Buildings Commission				5,000 00
Improvements in Forest Park				10,000 00
Garbage Investigat'g Committee				2,500 00
Comparing Delinquent Street Sprinkling Bills				365 00
Total Appropriations for New Work and Special Purposes.	$ 284,680 89	$ 110,206 18	$ 482,706 71	$1,120,970 96
Transfers Chargeable to Municipal Revenue, Paid out of the Following Funds and Accounts—				
Water Works Revenue	$ 161 42			$ 88 85
Harbor Fund	734 55	$ 788 65	$ 1,053 10	2,500 00
Opening Streets—Special Fund.	1,767 36	12,803 31	8,181 61	2,238 34
Sprinkling Streets—Special Fund	10,948 12	8,477 72	15,413 91	4,860 58
Collector's Commission Collecting Special Tax Bills				7,339 40
Total Transfers	$ 13,611 45	$ 22,069 68	$ 24,648 62	$ 17,027 17
Debit Balance, April 10, 1900	121,746 66			
Appropriations for General Purposes	5,527,179 48	5,851,397 16	6,227,711 71	6,764,933 21
Appropriations for New Work and Special Purposes	284,680 89	110,206 18	482,706 71	1,120,970 96
Total Appropriations and Transfers	$5,947,218 48	$5,983,673 02	$6,735,067 04	$7,902,931 34
Water Works Revenue—Operating Expenses and Cost of Collecting the Revenue—				
Assessor and Collector of Water Rates	$ 60,238 40	$ 64,229 68	$ 65,083 24	$ 64,064 14
Water Works	542,477 32	562,583 17	591,022 40	614,810 71
Water Works Extension, Salaries, Expenses, etc.	30,460 22	27,255 49	25,639 18	18,857 57
Costs and Legal Expenses, Chicago Drainage Canal Suit	27,993 24	25,000 00	2,500 00	
Total, Water Works	$ 661,169 18	$ 679,068 34	$ 684,244 82	$ 697,732 42

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APPROPRIATIONS AND EXPENDITURES—Continued.

	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Specific Purposes—				
Water Pipe and Laying	$ 225,000 00	$ 500,000 00	$ 290,000 00	.....
Water Works Extension — New Work	345,000 00	.....	310,000 00	$ 630,000 00
Water Works Reconstruction	196,000 00	.....	30,000 00	.....
Electric Plant	37,500 00	15,000 00	.....	50,000 00
Relief Ordinance	2,500 00	.....	250 00	5,150 81
Purifying Water Supply, Ord. 20,433	.....	25,000 00	110,000 00	.....
Sprinkling Plug Fund	.....	.....	100,000 00	.....
Water Meter Fund	.....	.....	15,000 00	.....
Costs and Legal Expenses	.....	.....	.....	20,000 00
Interest on Water Works Bonds	.....	.....	.....	222,365 65
Total, Special Purposes	$ 806,000 00	$ 540,000 00	$ 855,250 00	$ 927,516 46
Transfers, Chargeable to Municipal Revenue, Paid out of the Following Funds and Accounts—				
Electric Light	$ 12,225 13	.....	.....	.....
Lighting Public Buildings	71,156 02	$ 8,516 30	.....	$ 556 38
Street Sprinkling—Special Taxes	3,226 21	.....	.....	.....
Streets Reconstructed	1,140 80	342 78	$ 3,046 76	.....
Harbor Fund—Harbor Boat	300 00	.....	.....	.....
Total Transfers	$ 88,048 16	$ 8,859 08	$ 3,046 76	$. 556 38
Total Appropriations and Transfers	$1,555,217 34	$1,227,927 42	$1,542,541 58	$1,625,805 26
Harbor Fund—				
Salaries, Current Expenses, Repairs, Cleaning Levee and Removing Obstructions	$ 11,042 44	$ 10,217 15	$ 9,856 80	$ 10,899 87
Harbor and Wharf — Salaries and Expenses	11,831 60	11,852 71	12,360 15	12,547 48
Harbor Boat	14,459 98	13,051 72	22,272 47	14,932 70
Repairs, Dikes, Wharfs and River Bank	21,975 82	22,906 52	9,883 06	13,111 49
Harbor and Wharf — Special Fund	.....	.....	1,003 00	479 55
Erecting Free Public Bath Houses, Ord. 20,820	.....	.....	30,000 00	.....
Total	$ 59,309 84	$ 58,028 10	$ 85,375 48	$ 51,971 09
Transfers, Chargeable to Municipal Revenue, Paid out of the Following Funds and Accounts—				
Lighting Public Buildings	$ 160 49	$ 95	.....	$ 20
Street Cleaning—Floating Dumps	.....	.....	.....	1,000 00
Sewer Construction Fund	.....	.....	.....	4,000 00
Total Appropriations and Transfers	$ 59,470 33	$ 58,029 05	$ 85,375 48	$ 56,971 29

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The increase in revenue available for purely municipal purposes for the last fiscal year over the previous year is due mainly, of course, to the increased receipts from taxation and licenses and the exceptionally large balance in the treasury at the beginning of the year. The increase in the receipts from taxation is attributable to the normal increase in the assessed valuation of property, a higher tax rate and closer collections. Over ninety-two per cent of the current taxes were collected and deposited in the treasury by the Collector of the Revenue during the past year. Unfortunately, the surplus commissions of the Collector, amounting to $28,474.67 for the year, were not deposited with the Treasurer until the day following the close of the fiscal year—too late to appear in this report. The cost of maintaining the Collector's office is met wholly out of commissions fixed by the Statutes. Commissions in excess of the cost of maintenance should be paid into the treasury at the close of each fiscal year. The Collector's deposits on account of surplus commissions for the last three years have exceeded the deposits for the preceding three years by $62,023.71. The cost of maintaining the department during the same period was reduced $82,478.54 notwithstanding the fact that the collection of taxes for municipal purposes for the last three years exceeded the collections for the previous three years by $1,915,005.37. The expenses of the office for the year 1900-1901, exclusive of salaries, was $55,341.78; for last year, $19,928.50.

The total revenue for municipal purposes realized from the collection of licenses for the past three years exceeds the collections for the preceding three years by $1,206,032.67. Of this amount $459,292.76 represents the increase in revenue derived from dramshop licenses and $746,739.91 from all other licenses.

With the exception of the reduction in the rate for dog licenses from $3.00 to $1.00 per annum, no change worth mentioning has been made in license rates for a number of years. Notwithstanding this, the collections from licenses for the year ending April 11th, 1904, were $537,097.57 in excess of the returns for 1901—three years prior. On the other hand, the collections for 1901 from the same source exceeded the collections for 1887—fourteen years prior—by only $325,608.97. The reduction in the dog-license rate had the astounding effect of increasing the revenue from that source $51,307.86 during the last three years as compared with the preceding three years. Compared in a similar way, vehicle licenses have yielded additional revenue aggregating $95,924.65. As may be surmised from the returns, the methods of transacting the business of the License Collector's department have been radically altered and vastly improved during the last three years.

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It is hardly necessary to particularize concerning the remaining Municipal Revenue items any further than to call attention to the increase of $300,203.51 in the receipts from franchises during the last three years as compared with the receipts for the three years preceding, and, also, to note the increase of $56,399.75 from fines and fees collected in the Police Courts for a like period. In the matter of franchises, the increase in revenue comes from prompt and full collections. The custom of collecting the greater proportion of fines assessed and the fees due the city was inaugurated something over two years ago by the Police Courts. The collections by these courts for the year ending April 8th, 1901, were $8,245.50; for last year, $50,791.25.

The expenses of a number of the departments of the City Government, including the eleemosynary institutions, have been, as you will notice, somewhat increased since 1901. This is readily explained by the additional volume of new work, in the shape of repairs, undertaken and completed and the large advance in the cost of all groceries, provisions, furnishings, material and labor. The favorable contracts secured from time to time by the Supply Department for meats, groceries and other supplies, clothing, etc., in connection with a careful supervision which prevented the diversion of supplies and other articles from their proper channel, resulted in the saving of large sums that were advantageously utilized in making repairs necessary to the preservation and improvement of all the city buildings and incidentally contributing to the health and comfort of the unfortunate inmates of the eleemosynary institutions and reformatories.

During the past three years the appropriations for the cleaning and care of the streets have been more than doubled, while the expenses incident to the maintenance of the Street Commissioner's office have decreased very considerably. The appropriations for new public work in the shape of sewer and street construction and reconstruction and improvements increased from $5,500.31 in 1901 to $271,458.94 during the last fiscal year. There was expended for these purposes during the last three years $526,173.65.

For special purposes, such as the erection and completion of hospital buildings, the purchase of a hospital, the completion of the New City Hall, the installation of municipal electric lighting plants, the purchase of lots and erection of engine houses, additions to the eleemosynary institutions, the installation of expensive new heating apparatus in the institutions and the erection of fire escapes at the institutions, there was appropriated in the last three years the sum of $1,713,883.85 as against $727,492.61 for the preceding three years.

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Hereafter, not much, if any, increase in revenue may be expected from year to year, beyond the normal growth incidental to the gradual improvement in property valuations and the extension of business interests. The departments responsible for the collection of the revenue have set a standard of efficiency which may well serve as a basis of comparison for a number of years to come. On the other hand, a careful and economical administration of the institutions and other departments should insure little or no increase in the ordinary expenses for maintenance beyond the appropriations for the current fiscal year—1904-5—which have been based on the extraordinary advance in the cost of provisions, supplies and furnishings of every description, and labor and material.

Estimated Resources of Revenue Funds, and Estimated Requirements of the City Government for the Fiscal Year ending April 10, 1905.

FUNDS.	Estimated as Available for Appropriation.	Estimated Requirements.	Excess of Estimated Resources over Estimated Requirements.	Estimated Deficiency.
Interest and Public Debt Rev.	$ 2,228,755 31	$ 1,552,747 50	$ 676,007 81	.....
Municipal Revenue	8,774,814 91	9,318,013 25	.....	$ 543,198 34
Water Works Revenue.....	3,720,888 81	1,357,365 65	2,363,523 16	.....
Harbor Fund	160,596 05	97,637 15	62,958 90	.....
Totals.....	$14,885,055 08	$12,325,763 55	$ 3,102,489 87	$ 543,198 34

The estimated deficiency in municipal revenue, as shown in the above statement, does not indicate an insufficiency of revenue to cover ordinary expenses but, rather, expresses insistent demands from departments for necessary improvements, of a permanent character, that should be met through the issue and sale of bonds. The protracted and costly delays in the erection of the New City Hospital, which has been under construction for years, is conclusive evidence that the revenue for municipal purposes will never be sufficient, even if the rate of taxation is increased to the limit permitted by the Constitution, to meet statutory and other unavoidable expenses and at the same time provide for extensive public improvements.

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In presenting the following statement of the financial transactions for the last fiscal year, the same system of classification is employed as has been approved by the United States Bureau of the Census:

FINANCIAL TRANSACTIONS LAST FISCAL YEAR.

(For Classification as to Revenue and Special Funds see Statements A and B.)

ORDINARY AND EXTRAORDINARY RECEIPTS.

SOURCE OR CHARACTER OF RECEIPTS.

A. Taxes and Special Assessments—			
Current Taxes, 1903, Municipal Revenue, including $350,294.78 realized from the assessment of Railroad, Bridge, Telegraph, Express and Street Railway Taxes by the State Board of Equalization	$4,823,448 10		
Delinquent Taxes—Municipal Revenue	379,044 61		
		$5,202,492 71	
Current Taxes, 1903, Interest and Public Debt Revenue, including $63,127.18 realized from the assessment of Railroad, Bridge, Telegraph, Express and Street Railway Taxes by the State Board of Equalization	$ 877,909 56		
Delinquent Taxes—Interest, Public Debt Revenue	111,344 11		
		989,253 67	
			$6,191,746 38
Taxes on Foreign Insurance Companies		$ 51,087 35	
Taxes for Public Library		173,064 63	
Merchants' and Manufacturers' Licenses	$ 526,393 80		
Register's Fees on back taxes	4.427 00		
Collections on Franchises	266,440 74		
		797,261 54	
Street Sprinkling, special	$ 194,280 72		
Street Opening, benefits	58,127 20		
		252,407 92	
			1,273,821 44

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ORDINARY AND EXTRAORDINARY RECEIPTS—CONTINUED.

B. Taxes, Licenses, Fines and Fees—

Dramshop Licenses	$1,217,246 10	
Dog Licenses	21,739 00	
		$1,238,985 10
Bicycles	$ 3,452 00	
Commission Merchants	18,163 00	
Vehicles	85,197 00	
Banks and Financial Agents	10,100 00	
Insurance Companies and Agents	17,400 00	
Real Estate Agents	7,081 25	
Ordinaries	12,460 00	
Merchandise Brokers	8,825 00	
Junk Shops and Wagons	5,530 00	
Peddlers and Hawkers	18,724 75	
Hotels and Boarding Houses	5,080 50	
Pawnbrokers	9,000 00	
Fortune Tellers and Clairvoyants	6,500 00	
Mercantile Agents	1,800 00	
Auctioneers	4,555 00	
Railroad Ticket Brokers	775 00	
City Weigher	100 00	
Theaters and Exhibitions	4,088 75	
Sales Stables	587 50	
Stock Yards	150 00	
Intelligence Offices	4,650 00	
Photographers	2,456 25	
Billiards and Ten-Pin Alleys	4,970 00	
Hotel Runners	660 00	
Physicians and Midwives	246 00	
Engravers	233 00	
Bill Posters	80 00	
Flying Horses	180 00	
Lumber Measurers	60 00	
Shooting Galleries	306 25	
Vault Cleaners	300 00	
Garbage Removers	760 00	
Milk Vendors	3,962 00	
Register Fees, License Collector's License	5,439 50	
Private Scales	18,303 88	
		262,176 63
Fees from Justice of Peace Courts.	$ 45,606 79	
Fines and Fees from Police Courts.	51,012 25	
From Superintend't of Work House	8,756 30	
Bond Forfeitures	250 00	
		105,625 34
Fees for Recording Deeds	$ 54,279 10	
Fees from Courts of Record	31,585 65	
Register's Notary Certificates	45 50	

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ORDINARY AND EXTRAORDINARY RECEIPTS—CONTINUED.

Fees for Certified Copies of Records	$ 118 70		
Fees for Copies of Revised Ords..	10 00		
Witness and Other Fees—			
Special Funds.....	2,729 92		
Criminal Causes	47,131 00		
		$ 135,899 87	
			$1,742,686 94
C. Loans, Interest, Apportionments, Sales of Realty, etc.—			
Interest from Current Deposits....	$ 187,786 25		
Interest from Street Opening Special Tax Bills.....	2,501 71		
Interest from Income from Trust Funds	255 50		
		$ 190,543 46	
Sales of Real Estate.....	$ 5,175 00		
Rents	3,940 79		
Refunds—			
Overpayments Returned	9,047 17		
Scrupulous Conscience	400 00		
Sale of Condemned and Useless Property	7,302 47		
Miscellaneous	168 63		
Temporary Deposits to pay Special Tax Bills	1,203 84		
Forfeitures on Contracts.....	380 00		
		27,617 90	
Increase of Cash by Bookkeeping Transactions		278,266 59	
			496,427 95
D. Miscellaneous Receipts Classified by Character and by the Department Receiving the Same—			
I. General Government—			
State's Portion Cost Assessing the Revenue	$ 35,659 82		
Abstract of Tax Books furnished State Auditor	629 36		
		$ 36,289 18	
II. Public Safety, Protection of Life, Health and Property—			
Police Department — Board of Police Commissioners	$ 2,505 70		
Jail	1,235 67		
Health Department—			
Fees for Transcripts furnished by Coroner	337 12		

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ORDINARY AND EXTRAORDINARY RECEIPTS—CONTINUED.

Effects of Deceased Persons.	$ 237 27		
Clerk Board of Health	1,276 00		
Coroner's Effects of Deceased Persons	85 37		
Fumigating German Protestant Orphans' Home	250 00		
Inspection Department—			
Fees for Boiler and Elevator Inspections	14,560 00		
Fees for Building Inspections	18,416 50		
Fees for Inspection of Weights and Measures	10,941 75		
Fees for Factory Inspections	3,023 00		
Fees for Inspection of Gas Meter	13 00		
Parks	516 87		
		$ 53,398 25	
III. Public Charities and Corrections—			
Quarantine Hospital	$ 97 50		
Keeping Insane Patients	8,993 48		
Maintenance of Boys at Training School	375 00		
Maintenance of Girls at Industrial School	106 75		
Poor House Bills	5,359 56		
		14,932 29	
IV. Public Ways—			
Part Payment of Cost of North Market Street Sewer	$ 1,800 00		
Redemption of Special Tax Bills Bought by City	111 28		
		1,911 28	
V. Public Industries—			
Water Rates, etc	$1,707,573 75		
Sale of Useless Property	31,803 29		
Wharfage and Wharf Rents	82,827 97		
Sale of Useless Property	140 31		
Market Rents	32,546 42		
Public Scales	3,243 55		
Institutional Industries—			
Poor House Bakery	27,691 22		
House of Refuge Bakery	10,126 94		
		1,895,953 45	
			$2,002,484 45
Total Receipts			$11,707,167 16
Balance in Treasury, April 13, 1903			6,292,592 62
			$17,999,759 78

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ORDINARY AND EXTRAORDINARY EXPENDITURES.

Object or Purpose—		
I. General Government—		
Mayor, Comptroller, Auditor, Register and Treasurer—Salaries and Expenses for above offices	$ 89,051 04	
Municipal Assembly	38,213 09	
Law Department	20,258 58	
Judgments	66,983 47	
Making back tax bills and comparing delinquent sprinkling bills	3,365 00	
Assessment of Revenue	70,595 95	
License Collector	36,091 17	
Election and Registration	116,959 61	
Witness Fees	22,005 00	
Printing and Stationery	24,177 38	
Public Buildings, Old and New City Hall	40,148 64	
Furnishing New City Hall	1,394 57	
Erection of Elevators, New City Hall	3,260 37	
Construction of Electric Light Plant, New City Hall	29,081 05	
Erection of New City Hall	25,307 42	
Lighting Public Buildings	72,324 10	
Commissioner of Public Buildings	31,545 24	
Commissioner of Supplies	19,003 92	
Recorder of Deeds	50,368 74	
Miscellaneous	11,507 00	
		$ 771,641 35
II. Public Safety, Protection of Life, Health and Property—		
Courts—Costs and Legal Expenses	$ 39,577 43	
Courts	263,602 60	
Courts—Buildings	42,593 03	
Jury Commissioner	19,656 58	
Jury and Witness Fees	56,999 80	
Coroner	22,420 35	
Morgue	4,383 82	
Police	1,578,398 51	
Deputy Sheriffs	3,893 81	
Fire Department	783,783 45	
Purchase of lots and erection of Engine Houses	126,368 54	
Firemen's Pension Fund	9,215 30	
Fire Alarm Telegraph	69,230 56	
Inspection of Weights and Measures	8,148 94	

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ORDINARY AND EXTRAORDINARY EXPENDITURES—CONTINUED.

Factory Inspector	$ 5,611 45	
Plumbing Inspector	13,502 02	
Board of Engineers and Boiler Inspector	12,232 62	
Smoke Abatement	7,425 85	
Health Department	120,083 92	
City Dispensary	54,126 64	
Quarantine	22,950 78	
Catching and Killing Dogs	4,999 50	
City Marshal's Office	28,200 01	
Insurance	6,076 95	
Contingent Fund—		
National Guard Armory	3,900 00	
Light Battery A	1,100 00	
		$3,308,482 46
III. Public Charities and Corrections—		
City Hospital	$ 120,315 96	
Erection New City Hospital	89,700 28	
Emergency Hospital No. 2	45,364 91	
Purchase, Emergency Hospital No. 2	44,666 65	
Extension Heating System, Emergency Hospital No. 2	4,632 25	
Erection Fire Escapes, Emergency Hospital No. 2	1,119 00	
Female Hospital	60,192 64	
Insane Asylum	127,097 42	
Construction Electric Light Plant, Insane Asylum	10,286 06	
Installing Boilers, Insane Asylum	139 00	
Repairing Laundry Building, Insane Asylum	477 40	
Poor House	142,302 34	
Construction Hospital Building, Poor House	39,389 52	
Erection New Building, Poor House	45 97	
House of Refuge	55,666 54	
Jail	41,148 39	
Work House	63,410 60	
Contingent Fund—Care of Foundlings, Deaf and Dumb, Insane, Reform and Industrial Schools, Juvenile Delinquents, Probationary System	30,742 17	
		876,697 10
IV. Public Ways—		
Streets—Commissioner's Department	$ 52,948 94	

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ORDINARY AND EXTRAORDINARY EXPENDITURES—CONTINUED.

Streets—Bridges and Culverts..	$ 58,297 00	
Streets—Grades and Surveys...	9,969 92	
Streets—Repairs	476,169 48	
Streets—Cleaning	547,627 25	
Streets—Opening, Special Fund	51,184 39	
Streets—Reconstruction, Special Tax Fund	62,105 05	
Streets — Sprinkling, Special Fund	189,323 96	
Sewers—Commissioner's Department	139,449 83	
Sewers—Reconstruction, etc....	167,910 92	
Lighting Streets, Alleys, Parks, etc.	551,759 84	
Board of Public Improvements..	57,188 77	
Fund for Numbering Houses...	1,849 80	
King's Highway Boulevard Commission	649 00	
Removal of Garbage.....	84,800 00	
Reduction of Garbage.....	86,666 64	
Scavenger Dumps	9,738 07	
Garbage Commission	2,400 00	
Purchase of Excelsior Hauling and Transfer Co.....	51,092 00	
		$2,601,130 86
V. Public Industries—		
Markets .....$	7,304 08	
Scales	3,536 88	
Water Works—Operating Expenses and Collection of the Revenue	697,732 42	
Water Pipe, Contract, etc.....	258,641 53	
Water Meters	14,808 75	
Sprinkling Plug System.....	9,647 28	
Water Works—Costs and Legal Expenses	6,195 33	
Erection of Electric Plant, Water Works	29,703 92	
Water Works Extension—High Service Engine	122,122 56	
Water Works—Purchase of Real Estate	9,000 00	
Water Works—New Pipe Yards.	14,023 22	
Water Works — Revetment of River	999 02	
Water Works—Low Service Engine	1,060 00	
Clarifying and Purifying Water.	74,557 15	
Water Works Reconstruction...	49,835 04	
Harbor and Wharf.....	51,971 09	
Public Drinking Fountains.....	600 00	

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ORDINARY AND EXTRAORDINARY EXPENDITURES—CONTINUED.

Poor House Bakery	$ 25,835 85		
House of Refuge Bakery	10,112 78		
		$1,387,686 90	
VI. Public Education, Recreation and Art—			
Parks	$ 136,435 33		
Park Improvements	7,004 54		
Concerts in Parks	5,786 00		
Public Library	181,585 18		
		330,811 05	
VII. Public Debt—			
Redemption of Bonds	$ 191,090 00		
Interest and Public Debt, Remittances	932,060 18		
		1,123,150 18	
VIII. Miscellaneous—			
Real Estate	$ 3,114 99		
Overpayments returned	1,209 84		
Pay Roll Account	2,805 98		
Unclaimed Allowances on Estates	41 53		
Relief Ordinances	86,704 66		
Retained Percentages	19,778 72		
Decrease in Cash by Bookkeeping Transactions	192,603 36		
		306,259 08	
			$10,705,858 98
Warrants on hand April 13, 1903, less warrants cancelled			233,900 86
			$10,939,759 84
Warrants on hand April 11, 1904			363,196 02
			$10,576,563 82
Total Receipts, including balance April 13, 1903			$17,999,759 78
Total Disbursements			10,576,563 82
Balance in Treasury April 11, 1904			$ 7,423,195 96

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CONDITION OF THE TREASURY.

As is shown by the preceding statement, the balance in the Treasury at the end of the fiscal year, April 11th, 1904, was $7,423,195.96. To this amount is to be added for uncollected special tax bills for the opening, sprinkling and changing grades of streets, maintaining boulevards, and for money advanced out of the Treasury to pay judgments granted by the Circuit Court, $291,451.49, making the total resources of the Treasury, $7,714,647.45. To be charged against this amount is the balance standing to the credit of special funds and accounts aggregating $4,534,566.75. After deducting this amount from the resources of the Treasury, an unappropriated surplus of $3,180,080.70 remains, belonging to the respective revenue funds, as follows:

Interest and Public Debt Revenue	$ 406,977 66
Municipal Revenue	674,174 76
Water Works Revenue	2,020,332 43
Harbor Fund	78,595 85
	$3,180,080 70

REVENUE AND APPROPRIATIONS.

The resources of the revenue funds for the fiscal year ending April 11th, 1904, including unappropriated balances, April 13th, 1903, were as follows:

Interest and Public Debt Revenue	$ 1,947,628 56
Municipal Revenue	8,577,106 10
Water Works Revenue	3,646,137 69
Harbor Fund	135,567 14
	$14,306,439 49

The appropriations and transfers from the revenue funds during the fiscal year were as follows:

From Interest and Public Debt Revenue—		
For Interest on the Bonded Debt (remittances)	$ 928,656 78	
For Sinking Fund, being amount applicable for reducing the Bonded Debt	608,590 72	
For Miscellaneous Expenses Chargeable to Interest and Public Debt Revenue	3,403 40	
		$1,540,650 90

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REVENUE AND APPROPRIATIONS—CONTINUED.

From Municipal Revenue—		
For Expenses incurred in exercising the functions of a County in its relation to a State.....		$1,316,266 52
For General Municipal Expenses..		5,448,666 69
For New Public Work—		
Opening Streets—Special Fund...$	10,000 00	
Sprinkling Streets—City's Portion, cost of	332 64	
Fund for erection of Hospital Buildings	207,209 21	
Public Drinking Fountains, erection of	600 00	
For Firemen's Pension Fund.....	9,215 30	
For Relief Ordinances.....	86,983 36	
For Retained Percentages on Contracts	1,334 29	
For Special Tax Fund—New Work	66,594 00	
For Transfers to other Revenue and Special Funds.....	17,027 17	
Street Bridges and Culverts—New Work	90,000 00	
Erection New City Hall.....	150,000 00	
Sewer Construction	114,864 94	
New City Hall Furnishing.....	1,394 57	
Installing Motors—New City Hall.	1,500 00	
Addition to Poor House.....	100,000 00	
Installing Boilers at Poor House..	5,300 00	
Purchase of Emergency Hospital..	44,666 65	
Installing Boilers at Emergency Hospital	4,800 00	
Fire Escapes at Emergency Hosp.	1,119 00	
Purchase of Engine Houses.....	88,000 00	
Construction of Engine Houses and Purchase of Lots.....	68,100 00	
Purchase of Garbage Hauling Plant	51,092 00	
New Public Buildings Commission..	5,000 00	
Improvements in Forest Park.....	10,000 00	
Garbage Investigating Committee.	2,500 00	
Comparing Delinquent Street Sprinkling Bills	365 00	
		1,137,998 13
From Water Works Revenue—		
For Operating Expenses and Collection of the Revenue.....$	678,874 85	
For Electric Plant.....	50,000 00	
For Relief Sundry Persons.....	5,150 81	
For Water Works Extension—New Work	630,000 00	

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REVENUE AND APPROPRIATIONS—CONTINUED.

For Interest on Water Works Bonds	$ 222,365 65		
For Water Works Extension—Salaries and Expenses	18,857 57		
For Costs and Legal Expenses (Chicago Drainage Canal Suit)	20,000 00		
For Transfer to other Revenue Funds	556 38		
		$1,625,805 26	
From Harbor Fund—			
For General Expenses	$ 51,971 09		
For Transfer to Municipal Revenue	5,000 20		
		56,971 29	
			$11,126,358 79
Total Resources of Revenue Funds		$14,306,439 49	
Total Appropriations and Transfers.		11,126,358 79	
Unappropriated balances belonging to the Revenue Funds			$3,180,080 70

BONDED DEBT.

At the close of the fiscal year ending April 13th, 1903, the bonded debt, including five million dollars of 3.25 per cent twenty-year gold bonds issued in aid of the St. Louis World's Fair celebrating the Louisiana Purchase Centennial, was $23,736,278.30. In April, 1903, the City purchased and cancelled $197,000.00 of World's Fair Bonds, reducing the bonded debt at the close of the fiscal year ending April 11th, 1904, to $23,539,278.30. The annual interest charges on the entire bonded debt during the year just closed amounted to $928,656.78, an average rate of 3.91 per cent.

SINKING FUND.

Under the provisions of Section 2, Article XIV, of the Charter, $1,200,000.00 must be annually applied exclusively to the payment of interest on the bonded debt outstanding on the seventh day of April, 1890, and for sinking fund purposes for the redemption and purchase of bonds outstanding on that date.

Ordinance 20,641, authorizing the issue of five million dollars of bonds in aid of the St. Louis World's Fair celebrating the Louisiana Purchase Centennial, requires the levying of a tax sufficient to pay the interest on the bonds, and sufficient, also, to provide a specific amount annually for sinking fund purposes to be applied only to the redemption of this particular issue of bonds.

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SINKING FUND—CONTINUED.

At the close of the fiscal year ending April 13th, 1903, the balance in the sinking fund established under the provisions of the Charter for the redemption and purchase of bonds outstanding on the seventh day of April, 1890, was $1,075,456.57. To this should be added the sum of $421,590.72 set apart for sinking fund purposes for the year just closed, making a balance to the credit of Sinking Fund account, April 11th, 1904, of $1,497,047.29.

During the past fiscal year there was purchased out of the appropriations set apart for sinking fund purposes for the purchase and redemption of World's Fair bonds, $197,000.00 of bonds, at ninety-seven flat, or $191,090.00, which left a balance at the close of the fiscal year of $510.00 to the credit of the sinking fund provided for the redemption and purchase of World's Fair bonds.

TAXATION.

The assessed valuation of real and personal property for the taxes of 1904, is $428,510,340.00, of which $343,625,760.00 is assessed as the valuations of real estate, and $84,884,580.00 as the value of personal property.

The State Board of Equalization assessed the value of railroad, bridge, telegraph, express, and street railroad property for the year 1903 at $28,041,042.00. There is no doubt that the assessment for taxes of 1904 will exceed the previous assessment by at least two millions of dollars.

The rates of taxation for 1904 on the $100.00 valuation are as follows:

	1904
For payment of Debt and Interest (Bonds outstanding April 7, 1890)	$0 12
For Interest and Sinking Fund, World's Fair Bonds	10
For General Municipal Purposes	1 21
Total City	$1 43
For Public Library	04
Total	$1 47

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ESTIMATES FOR THE CURRENT FISCAL YEAR.

MUNICIPAL REVENUE.

The estimates, in detail, for the current year will be found in Statement "D."

The revenue to meet general expenses is estimated as follows:

Unappropriated surplus at the beginning of the fiscal year.....		$ 674,174 76	
Current Taxes, 1904.....	$4,785,353 90		
Delinquent Taxes	380,000 00		
Licenses	2,100,000 00		
Boiler and Elevator Inspections.....	15,000 00		
Building Permits	20,000 00		
Collections on Franchises.....	247,000 00		
Fines, Fees and Commissions.....	165,000 00		
Markets	32,000 00		
Recorder of Deeds.....	55,000 00		
State's Portion of Cost of Assessing the Revenue	35,000 00		
All other Sources.....	266,286 25		
		8,100,640 15	
Total available for Appropriations			$8,774,814 91

The appropriations necessary to carry on the government, as now established by law and ordinance, are estimated as follows:

Ordinancce and Statute Obligations—		
Hospital Fund	$ 80,963 53	
Police (Requisition of the Board of Police Commissioners).....	1,995,250 00	
		$2,076,213 53

General expenses incidental to exercising the functions of a County in its relation to the State:

Administration of Justice—	
Costs in Misdemeanor Cases.....	$ 30,000 00
Circuit Court, Circuit Court for Criminal Causes, Court of Criminal Correction and Probate Court	164,499 88
Justices of the Peace Courts.....	94,040 69
Jury Commissioner	9,652 00
Jury and Witness Fees.....	60,000 00
Jail	42,519 25
Maintaining Boys at the State Reform School	15,000 00
Maintaining Girls at the State Industrial Training School.....	700 00

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MUNICIPAL REVENUE—CONTINUED.

Maintaining Convicts at the State Lunatic Asylum	$ 200 00	
Probationary System for Juvenile Delinquents	3,500 00	
Court House and Four Courts Building	32,700 74	
		$ 452,812 56
Assessment of Revenue and Making Back Tax Books and Bills	$ 75,897 00	
Coroner's Office and Morgue	30,992 44	
Eleemosynary Institutions and Charities—		
City Dispensary, City Hospital, Female Hospital, Insane Asylum, Poor House and House of Refuge	648,488 28	
Care of Foundlings at Private Asylums	15,000 00	
Maintaining Indigent Pupils sent to State School for Deaf and Dumb	600 00	
Mayor's Contingent Fund	12,500 00	
Election and Registration	108,086 83	
Recorder of Deeds	53,120 00	
		944,684 55

General expenses incident to exercising municipal functions:

Administration of Justice under Municipal Code—		
Police Courts, Marshal and Work House	$ 139,517 84	
Board of Engineers and Boiler Inspector and Inspector of Weights and Measures	26,909 65	
Election and Registration (City Elections)	162,338 17	
Fire Department and Fire Alarm Telegraph	1,005,748 30	
Health Department and Sanitary Measures	492,591 08	
Lighting Streets, Alleys, Parks and Public Places	610,000 00	
Lighting Public Buildings	94,500 00	
Public Buildings, City Hall and New City Hall	40,492 89	
Public Improvements, Salaries, Repairs and Miscellaneous—		
President's Department	67,600 00	

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MUNICIPAL REVENUE—CONTINUED.

Numbering Houses	$ 1,920 00		
Parks	160,507 50		
Sewers	200,000 00		
Streets	1,731,644 98		
Departments not classified above—			
Commissioner of Public Buildings, Commissioner of Supplies, Factory Inspection Department, Law Department, Milk Inspection, Municipal Assembly, Plumbing Inspection, Mayor, Comptroller, Auditor, Register and Treasurer, Smoke Abatement Department and License Collector	324,451 05		
Miscellaneous Expenses	113,341 80		
		$5,171,563 26	
New Public Work and Special Purposes—			
Sewers, Construction	$ 430,000 00		
Other Special Purposes	145,963 14		
		575,963 14	
Salaries of Deputy Sheriffs and Expenses Incurred During Strike of Street Railway Employes during Summer of 1900		96,776 21	
Total Estimated Requirements			$9,318,013 25
Recapitulation—			
Ordinance and Statute Obligations	$2,076,213 53		
General Expenses Incident to Exercising the Functions of a County	1,397,497 11		
General Expenses Incident to Exercising Municipal Functions	5,171,563 26		
New Public Work and Special Purposes	575,963 14		
Salaries and Expenses on Account of Strike, Summer of 1900	96,776 21		
		$9,318,013 25	
Total Estimated Requirements		$9,318,013 25	
Total Available for Appropriation		8,774,814 91	
Deficiency			$ 543,198 34

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The estimated requirements for the current fiscal year, 1904-5, exceed the requirements of the previous year by $496,978.84, while the total amount estimated as being available for appropriations for the current year is only $302,700.72 in excess of the amount actually available for the preceding year.

A determined effort has been made, and with encouraging success, to impress upon the heads of departments the importance of including in their annual estimates only such items as represent actual requirements, using the expenditures of the previous year as a basis for determining the approximate cost of maintenance. For years past the practice of "padding" estimates has been in vogue and was evidently resorted to with the view of not only providing against the customary reduction in these estimates made by the Municipal Assembly on recommendation of the Comptroller, but also with the definite intention of securing from year to year such a progressive increase in appropriations as would eventually insure an unstinted supply of funds and an avoidance of the restraints imposed by the forced observance of economy. Naturally, such practices led to cumulative extravagances, particularly in the eleemosynary institutions and reformatories, which eventually culminated in systematically diverting large quantities of meats, groceries, provisions and all other supplies to the private use or gain of unfaithful employes of the city.

There are two propositions of vital interest to our citizens generally that should be, in my opinion, presented for consideration and action thereon at the election to be held in November next, namely: (1) A bond issue for general public improvements and betterments; and, (2) an amendment to the Charter provisions affecting street improvements. It is particularly important to have these propositions submitted for the assent of the voters at that time, not only because the questions involved are paramount and should be definitely settled at the earliest possible opportunity, but, also, for the reason that the expense attending the presentation of such propositions at a special election is prohibitive, approximating under the new law $100,000.00.

(1). It is not necessary to urge the pressing necessity for a bond issue. The extension of the great public sewers must be commenced and pushed rapidly to completion in order to guarantee a continuance of the healthful conditions now existing in the city. Adequate and thoroughly sanitary buildings are badly needed for the accommodation of the sick, for the incurable insane and for the infirm poor. From personal observation and from the assurance of the present superintendents and their predecessors in office, I am enabled to vouch for the wonderfully improved conditions during the past three years of the

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eleemosynary institutions through much needed repairs and additions, but at their best these institutions are far from meeting modern requirements in any respect. It is of first importance that at least six more engine houses should be erected and equipped so that protection from fire will be assured in districts which have been heretofore practically neglected. Suitable provision will have to be made in the near future for the accommodation of the Circuit Court, Criminal Courts, Police Courts, Jail and the various branches of the Health Department, for the buildings now occupied by these departments are ancient landmarks rendered only tolerably fit for use by frequent and costly repairs and alterations. Then, too, bridges are to be constructed and the park system extended and improved.

(2). There is no question whatever but that a thorough revision of the Charter should be made or a new Charter constructed, by a Board of Freeholders, to harmonize with existing conditions. No delay should be countenanced in effecting such amendments to the provisions of the present Charter relating to street improvements as will protect the property owners and the City Government from excessive special taxation and legal complications. The application of the present system of special taxation for street improvements to particular pieces of property unavoidably produces inequalities that must be regarded by the property owners as even more unfair than the old system of taxation on the basis of frontage. The frontage system of taxation had the merit at least of freedom from legal complications, all questions arising under it having been adjudicated by the courts long ago. There could be, therefore, no doubts raised as to the validity of special tax bills issued under that system, and it naturally followed that contractors sought the work and bid low to secure it. The present system is complicated, ill-defined and provocative of litigation. While there is little hesitation on the part of contractors in bidding on the work, they figure in the risk of delay in securing payment on account of protracted litigation, thereby largely increasing the reasonable cost of the work.

The cost of street improvements to tax payers under the provisions of the Charter as it exists is, unquestionably, a positive hardship, and I am disposed to believe that it would be best to discontinue this particular character of public improvement until relief can be afforded through the proper amendments to the Charter.

Respectfully submitted,

JAMES Y. PLAYER,
Comptroller.

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DETAILED STATEMENTS.

FOR FISCAL YEAR BEGINNING APRIL 14, 1903, AND ENDING APRIL 11, 1904.

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FINANCIAL TRANSACTIONS FOR THE FISCAL YEAR.

1903-1904.

STATEMENT "A"—REVENUE FUNDS.

Resources of and Appropriations from Revenue Funds during the Fiscal Year from April 14, 1903, to April 11, 1904.

FIRST.

INTEREST AND PUBLIC DEBT REVENUE.

RESOURCES—			
Unappropriated balance to credit, April 13, 1903		$ 736,009 24	
Receipts into the Treasury—			
Taxes for the year 1903	$877,909 56		
Taxes for prior years	111,344 11		
From Water Works Revenue to pay interest on Water Works Bonds.	222,365 65		
Total receipts into the Treasury..		1,211,619 32	
Total resources		$1,947,628 56	
APPROPRIATIONS—			
For warrants drawn against the City Treasury on account of the following, to-wit:			
Remittances on account of interest.	$928,656 78		
Expenses in connection with the bonded debt—Commissions and expenses	3,403 40		
For sinking fund purposes, as required by Art. XIV. of the Charter,	421,590 72		
For sinking fund purposes, as required by Ordinance 20,641, authorizing World's Fair bond issue,	187,000 00		
Total appropriations		$1,540,650 90	
Total resources		$1,947,628 56	
Total appropriations		1,540,650 90	
Unappropriated balance to credit, April 11, 1904			$406,977 66

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STATEMENT "A"—CONTINUED.

SECOND.

MUNICIPAL REVENUE.

RESOURCES—

Unappropriated balance to credit, April 13, 1903..		$ 375,759 93
Receipts into the Treasury—		
Current taxes for year 1903.....	$4,823,448 10	
Delinquent taxes.....	379,044 61	
Tax on Foreign Insurance Companies	51,087 35	
		5,253,580 06
Licenses—		
Bicycles	$ 3,452 00	
Merchants	298,352 20	
Manufacturers	228,041 60	
Commission Merchants.....	18,163 00	
Dramshop	1,214,809 72	
Vehicles	85,197 00	
Dogs	21,739 00	
Banks and Financial Agents....	10,100 00	
Insurance Companies and Agents	17,400 00	
Real Estate Agents.....	7,081 25	
Ordinaries	12,460 00	
Merchandise Brokers.....	8,825 00	
Junk Shops and Wagons.....	5,530 00	
Peddlers and Hawkers.....	18,724 75	
Hotels and Boarding Houses....	5,080 50	
Pawnbrokers	9,000 00	
Fortune Tellers and Clairvoyants	6,500 00	
Mercantile Agents.....	1,800 00	
Auctioneers	4,555 00	
Railroad Ticket Brokers.....	775 00	
City Weigher.....	100 00	
Theaters and Exhibitions.....	4,088 75	
Sales Stables.....	587 50	
Stock Yards.....	150 00	
Intelligence Offices.....	4,650 00	
Photographers	2,456 25	
Billiards	4,970 00	
Hotel Runners.....	660 00	
Engravers	233 00	
Bill Posters.....	80 00	
Flying Horses.....	180 00	
Lumber Measurers.....	60 00	
Shooting Galleries.....	306 25	
Vault Cleaners.....	300 00	
Garbage Removers.....	760 00	
Milk Vendors.....	3,962 00	
		2,001,129 77

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STATEMENT "A"—CONTINUED.

Miscellaneous Revenue—		
Boiler and Elevator Inspections.	$ 14,560 00	
Building Permits	18,416 50	
		$ 32,976 50
Collections on Franchises—		
Central Traction Company, Ord. 19,352	$ 10,000 00	
Union Depot Railway Company, Ords. 18,049, 17,021	3,000 00	
Southwestern Railway Company, Ord. 17,185	1,000 00	
St. Louis & Meramec River Railway Company, Ords. 17,375, 18,677, 19,392	3,000 00	
Kingshighway Railway Company, Ord. 18,048	273 26	
Cass Ave. & Fair Grounds Railway Company, Ord. 16,639	15,506 03	
Citizens' Railway Company, Ord. 11,528	10,000 00	
Lindell Railway Company, Ord. 19,429	28,000 00	
St. Louis Railroad Company, Ord. 14,182	7,500 00	
People's Railway Company, Ord. 17,196	5,000 00	
Grand Ave. Railway Company, Ord. 17,047	2,000 00	
Jefferson Ave. Railway Company, Ord. 18,047	6,333 47	
Southern Railway Company, Ord. 14,837	2,000 00	
Southern Electric Railway Company, Ord. 17,693	10,000 00	
St. Louis & Suburban Railway Company, Ords. 15,954, 19,393.	5,000 00	
St. Louis & Suburban Railway Company and St. Louis & Meramec River Railway Company, Ord. 19,350	3,500 00	
Total collections on Street Railroad Franchises		112,112 76
Bell Telephone Company of Mo., Ord. 12,724	$ 33,107 63	
Kinloch Telephone Company, Ord. 12,724	24,288 63	
National Subway Company, Ord. 15,953	1,000 00	
Total collections from Telephone Franchises		58,396 26
Union Electric Light & Power Co., Sec. 1102, Municipal Code	$ 81,090 06	

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STATEMENT "A"—CONTINUED.

Phœnix Light, Heat & Power Co., Sec. 1102, Municipal Code.....$	3,712 80	
Edison Electric Illuminating Co. of Carondelet, Ord. 12,723.....	832 02	
Carondelet Electric Light & Power Co., Sec. 1102, Municipal Code	884 71	
Total collections from Electric Companies		$ 86,519 59
Postal Telegraph & Cable Company, Sec. 1141, Munici. Code.$	93 95	
Missouri District Telegraph Co., Sec. 1141, Municipal Code.....	223 00	
Printing Telegraph News Co., Sec. 1141, Municipal Code.....	16 20	
Total from Telegraph Companies,		333 15
Eureka Cab and Messenger Company, Sec. 1142, Munici. Code.$	4 60	
Cable Cab and Messenger Company, Sec. 1142, Munici. Code.	10 00	
Total from Messenger Companies,		14 60
St. Louis Merchants Bridge and Terminal Railway Company, Ord. 14,078.....$	5,151 00	
St. Louis Transfer Railway Company, Ord. 12,795.....	1,000 00	
St. Louis, Oak Hill & Carondelet Railway Company, Ord. 14,739.	1,000 00	
Total from Railway Companies..		7,151 00
Waters-Pierce Oil Company, Ord. 12,312 .....$	400 00	
St. Louis Refrigerating and Cold Storage Company, Ord. 15,800.	1,513 38	
		1,913 38
		$ 266,440 74
Fines, Fees and Commissions—		
Fees and Fines, Clerk of the Circuit Court.....$	19,785 53	
Fees and Fines, Clerk of Court of Criminal Correction.....	7,343 00	

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STATEMENT "A"—CONTINUED.

Fees, Probate Jury Fees.....$	492 00	
Fees, Clerk of the Criminal Court	48 50	
Fees, Jailer, Transient.....	5 50	
Surplus Fees, Clerk Circuit Court	58 38	
Surplus Fees, Clerk Court of Criminal Correction.....	2,126 28	
Fees, Justice of the Peace Courts	45,606 79	
Fees and Fines in Police Courts.	50,971 25	
Fees and Fines, Clerks of Police Courts	41 00	
Fees and Fines, Superintendent of the Work House.....	8,756 30	
Fees and Fines, Sheriff.....	1,726 46	
Register Fees, Notarial Certificates	45 50	
Register Fees on Licenses, City Collector	2,436 38	
Register Fees on Licenses, License Collector.....	5,439 50	
Register Fees on Back Taxes, City Collector.....	4,427 00	
		$149,309 37
Markets—Union .....$	32,045 98	
Soulard	425 60	
South Market.....	74 84	
		32,546 42
Recorder of Deeds.....		54,279 10
Rents		3,926 79
Scales—City .....$	3,243 55	
Private	18,303 88	
		21,547 43
State's portion of cost of assessing the Revenue.....		35,659 82
Inspector of Weights and Measures		10,941 75
Factory Inspector.....		2,022 00
Incidental Collections—		
Board of Health Permits.....		1,276 00
Board of Patients at City Institutions—		
Insane Patients.....$	8,993 48	
Quarantine	97 50	
Poor House.....	5,359 56	
		14,450 54
Coroner—Transcripts .....$	337 12	
Effects of Deceased Persons	85 37	
		422 49

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STATEMENT "A"—CONTINUED.

Jail Bills	$ 1,235 67	
Interest on Street Opening—Special Taxes	2,494 50	
Board of Health—Effects of Deceased Persons	237 27	
Fees for Certified Copies of Records	118 70	
Fees for Copies of Revised Ordinances	10 00	
Rent of Boats in Parks	516 87	
Redemption of Special Tax Bills bought by City	111 28	
Over-payments returned	706 33	
Abstract of Tax Books furnished State Auditor	629 36	
Payment by Bondsmen of Clerk, Justice Court	250 00	
Refund of Dump Tickets by Sewer Department	27 35	
Board of Police Commissioners	2,505 70	
Court Costs Refunded	780 55	
Sales of Property in Line of Streets Opened	60 00	
Sales of Maps and Surveys of the City	26 00	
Payment of Part Cost of North Market Street Sewer	1,800 00	
Physicians and Midwives	246 00	
Interest on City's Current Deposits	187,786 25	
Board of Election Commissioners	822 00	
Suits on Special Tax Bills	7 21	
Fumigating German Protestant Orphans' Home	250 00	
Forfeitures on Contracts	380 00	
Maintenance of Boys at Missouri Training School	375 00	
Maintenance of Girls at Missouri Industrial School	106 75	
Sale of Real Estate	5,175 00	
Inspection of Gas Meters, etc	57 10	
Rent of City Property	14 00	
Returned by Garbage Commission	412 05	
Payment by "Scrupulous Conscience"	400 00	
Sales of Condemned Property	7,302 47	
Total receipts on account of Municipal Revenue		$8,096,353 19
Total receipts and balance to credit April 13, 1903		$8,472,113 12

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STATEMENT "A"—CONTINUED.

Transfers—		
From other revenue funds for expenses pertaining to said funds but paid out of appropriation from Municipal Revenue—		
From Water Works Revenue....$	556 38	
From Water Pipe (and Laying).	2,145 03	
From Water Works Extension..	324 92	
		$ 3,026 33
From Harbor Fund.....		5,000 20
From Sprinkling Streets—Special Fund—For amount of difference of special taxes assessed and cost of work.....$	8,168 54	
For amount of interest collected on Street Sprinkling Special Tax Bills.....	6,357 77	
		14,526 31
From House of Refuge Bakery— Amount collected for bread delivered to the City Institutions in excess of cost....		14 16
From Poor House Bakery— Amount collected for bread delivered to the City Institutions in excess of cost....		1,855 37
From Contract and Other Deposits— For expenses for which the deposits were made, paid out of Municipal Revenue.....$	36,910 76	
Charges for Plumbing Inspections	11,739 00	
		48,649 76
Witness and Other Fees—Special Fund— Unclaimed Fees remaining in the Treasury more than one year .....$	2,769 04	
Criminal Cases—Fees belonging to the City	25,061 50	
		27,830 54
Pay Roll Account—Special Fund— Cancellation of Pay Rolls pursuant to Ordinance No. 18,739		442 13
Warrant Account— Cancellation of Warrants remaining unpaid for five years		878 03

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STATEMENT "A"—CONTINUED.

Street Bridges and Culverts—New Work—		
Unexpended balances of appropriations—Ordinances 18,028 and 18,834	$ 1,363 70	
Sewer Construction Fund—		
Unexpended balances of appropriations	1,356 69	
Special Tax Fund—New Work—		
Repeal of Ordinance 20,516	20 00	
New City Hall Furnishing—		
Unexpended Balance Transferred	29 76	
Total Transfers to Municipal Revenue		$ 104,992 98
Total Resources of Municipal Revenue		$3,577,106 10

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STATEMENT "A"—CONTINUED.

APPROPRIATIONS—		
For General Expenses—		
(For Warrants drawn against the Treasury out of appropriations for general purposes, viz.:)—		
Courts and expenses incident thereto—		
Costs and legal expenses payable from Municipal Revenue	$ 39,577 43	
Courts	263,602 60	
Jury Commissioner	19,656 58	
Jury and Witness Fees	56,999 80	
Law Department	20,258 58	
Marshal's Office	28,200 01	
		$ 428,295 00
Coroner and Morgue—		
Coroner	$ 22,420 35	
Morgue	4,383 82	
		26,804 17
Departments where the Fees of the office pay the expenses—		
Board of Engineers and Boiler Inspector	$ 12,232 62	
Inspector of Weights and Measures	8,148 94	
Recorder of Deeds	50,368 74	
		70,750 30
Fire Department and Fire Alarm Telegraph—		
Fire Alarm Telegraph	$ 69,230 56	
Fire Department	783,783 45	
		853,014 01
Health Department—		
Board of Health and Commissioner	$ 120,083 92	
City Dispensary	54,126 64	
Emergency Hospital	45,364 91	
City Hospital	120,315 96	
Female Hospital	60,192 64	
Insane Asylum	127,097 42	
Poor House	142,302 34	
Quarantine and Small Pox Hospital	22,950 78	
Reduction of Garbage	86,666 64	
Removal of Garbage	84,800 00	
		863,901 25
House of Refuge, Jail and Work House—		
House of Refuge	$ 55,666 54	
Jail	41,148 39	
Work House	63,410 60	
		160,225 53

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STATEMENT "A"—CONTINUED.

Lighting Streets, Alleys, Parks and Public Places	$ 551,759 84	
Lighting Public Buildings	72,324 10	
		$ 624,083 94
Police—		
Salaries of Members of Board, Officers, Patrolmen and Detectives	$1,378,634 24	
All other salaries and current expenses	199,764 27	
		1,578,398 51
Public Buildings—		
City Hall—salaries and current expenses	$ 787 69	
City Hall—repairs and alterations	1,646 34	
New City Hall—salaries and current expenses	27,054 96	
New City Hall—repairs and alterations	10,659 65	
Court House—salaries and current expenses	8,931 06	
Court House—repairs and alterations	15,904 94	
Four Courts Building—salaries and current expenses	13,814 75	
Four Courts Building—repairs and alterations	3,434 32	
		82,233 71
Public Improvements — Salaries, Expenses and Repairs—		
Board of Public Improvements —President's Department	$ 57,188 77	
Fund for Numbering Houses	1,849 80	
		59,038 57
Parks—		
Park Commissioner	$ 9,569 01	
Benton Park	2,655 11	
Carondelet Park	9,295 52	
Carr Square	2,375 43	
Forest Park	51,011 88	
Forest Park Boulevard	118 17	
Fountain Park	1,387 72	
Gamble Place	836 63	
Gravois Park	1,079 28	
Hyde Park	2,498 98	
Jackson Place	1,251 72	
Kenrick Garden	814 57	
Laclede Park	999 91	

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STATEMENT "A"—CONTINUED.

Lyon Park	$ 1,682 55	
O'Fallon Park	10,166 54	
St. Louis Place	5,131 11	
South St. Louis Square	787 31	
Washington Square	3,773 89	
Lafayette Park	6,000 00	
Tower Grove Park	25,000 00	
		$ 136,435 33
Sewers — Salaries, Current Expenses and Repairs		139,449 83
Streets—		
Street Commissioner's Department	$ 52,948 94	
Street Bridges and Culverts—Miscellaneous Expenses and Repairs	45,628 64	
Street Cleaning — Floating Dumps	9,739 74	
Street Cleaning—Labor and Carts	268,354 50	
Street Cleaning—Block System	98,988 40	
Street Cleaning — Stone and Wood Blocks and Asphaltum Pavements	170,544 61	
Street Grades and Surveys	9,969 92	
Street Repairs — Macadam and other Material	156,498 73	
Street Repairs — Miscellaneous Expenses	85,851 80	
Street Repairs—Reconstructed Streets	$ 98,238 26	
Street Repairs—Salaries	22,291 60	
Streets—Special and Temporary Service	106,428 96	
Opening Streets—Expenses	6,860 13	
		1,132,344 23
Total for Public Improvements—Salaries, Expenses and Repairs		1,467,267 96
Departments not classified as above—		
Assessment of the Revenue	$ 70,595 95	
Commissioner of Public Buildings	31,545 24	
Commissioner of Supplies	19,003 92	
Factory Inspector	5,611 45	
License Commissioner	36,091 17	
Municipal Assembly	38,213 09	
Plumbing Inspection Department	13,502 02	

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STATEMENT "A"—CONTINUED.

Salaries of Mayor, Comptroller, Auditor, Register and Treasurer	$ 85,082 49		
Smoke Abatement Department	7,425 85		
		$ 307,071 18	
Miscellaneous Expenses—			
Catching and Killing Dogs	$ 4,999 50		
Contingent Fund	37,242 17		
Election and Registration	116,959 61		
Insurance	6,076 95		
Judgments payable from Municipal Revenue	66,983 47		
Making Back Tax Books and Bills	3,000 00		
Markets	7,304 08		
Mayor's Contingent Fund	10,000 00		
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer	3,968 55		
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer	24,177 38		
Real Estate Account	3,114 99		
Scales	3,536 88		
Scavenger Dumps — Salaries and Current Expenses	6,742 35		
Scavenger Dumps — Construction and Repairs	2,995 72		
Concerts in Public Parks	5,786 00		
		302,887 65	
Total Appropriations (Warrants Drawn) for General Purposes.			$6,764,932 21

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STATEMENT "A"—CONTINUED.

FOR IMPROVEMENTS AND SPECIAL PURPOSES, VIZ.:		
New Public Work—		
Street Bridges and Culverts.....$	90,000 00	
Sewers, Construction	114,864 94	
Sewers, Reconstruction	33,020 00	
Street Reconstruction	33,574 00	
Special Purposes—		
Opening Streets—Special Fund.. (For amounts assessed against the City as benefits to the public generally.)	10,000 00	
Firemen's Pension Fund	9,215 30	
Erection Hospital Buildings	207,209 21	
Erection of New City Hall.....	150,000 00	
New City Hall, Furnishing	1,394 57	
Installing Motors, New City Hall	1,500 00	
Addition to Poor House.....	100,000 00	
Installing Boilers at Poor House	5,300 00	
Purchase of Emergency Hospital	44,666 65	
Installing Boilers at Emergency Hospital No. 2.....	4,800 00	
Fire Escapes, Emergency Hospital No. 2	1,119 00	
Purchase of Engine Houses.....	88,000 00	
Construction of Engine Houses and Purchase of Lots	68,100 00	
Purchase of Garbage Hauling Plant	51,092 00	
Erection of Public Drinking Fountain	600 00	
New Public Buildings, Commission	5,000 00	
Improvements in Forest Park....	10,000 00	
Relief Bills—Sundry Persons....	86,983 36	
Retained Percentages on Contracts	1,334 29	
Sprinkling Streets, City's portion, cost of	332 64	
Garbage Investigating Committee	2,500 00	
Comparing Delinquent Street Sprinkling Bills	365 00	
Total Appropriations for New Work and Special Purposes...		$1,120,970 96

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STATEMENT "A"—CONTINUED.

TRANSFERS—			
To other revenue funds, for expenses paid out of the appropriations from said revenues chargeable to appropriations made from Municipal Revenue, viz.:			
Harbor Fund—			
Street Cleaning, Floating Dumps		$ 2,500 00	
Water Works Revenue—			
Sewers, Salaries, Current Expenses and Repairs		88 85	
Opening Streets—Special Fund—			
For Collector's Commissions on Collections of Special Tax Bills	$ 1,782 69		
For Special Tax Bills Cancelled	455 65		
		2,238 34	
Street Sprinkling—Special Fund—			
For Special Tax Bills Cancelled	$ 4,860 58		
Collector's Commissions on Collections of Special Tax Bills	7,339 40		
		12,199 98	
Total Transfers			$ 17,027 17
Appropriations for General Purposes			$6,764,933 21
Appropriations for Special Purposes			1,120,970 96
Transfers			17,027 17
Total Appropriations and Transfers			$7,902,931 84
Total Resources of, Municipal Revenue			$8,577,106 10
Total Appropriations and Transfers			7,902,931 84
Unappropriated balance to credit, April 11th, 1904			$ 674,174 76

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STATEMENT "A"—CONTINUED.

THIRD.

WATER WORKS REVENUE.

RESOURCES—			
Unappropriated balance to credit, April 13th, 1903			$1,826,240 99
Receipts into the Treasury—			
Water Licenses	$1,697,863 10		
Permits	5,353 00		
Taps	2,862 80		
Connections and Repairs	1,494 85		
		$1,707,573 75	
Miscellaneous—			
Sale of Condemned and Useless Property	$ 31,803 29		
Overpayments Returned	59 16		
		31,862 45	
Total Receipts into the Treasury			1,739,436 20
Transfers—			
For expenses paid out of Water Works Revenue, chargeable to the following Funds or Accounts—			
Contract and other Deposits		$ 21,803 84	
Water Works Extension (Unexpended, balance of appropriation)		55,000 00	
Sprinkling Streets		3,560 18	
Municipal Revenue (from Sewers, Salaries, Current Expenses and Repairs)		88 85	
Pay Roll Account, Special Fund (Cancelled pursuant to Ordinance 18,739)		6 63	
Warrant Account		1 00	
			80,460 50
Total Resources			$3,646,137 69
APPROPRIATIONS—			
For warrants drawn against the Treasury, Operating Expenses and Cost of Collecting the Revenue—			
Assessor and Collector of Water Rates	$ 64,064 14		
Water Works	614,810 71		
		$ 678,874 85	

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STATEMENT "A"—CONTINUED.

Water Works Extension, Salaries and Expenses, etc.....	$ 18,857 57	
Total Appropriations (warrants drawn)		$ 697,732 42
For amounts set apart out of Water Works Revenue and appropriated for specific purposes—		
Water Works Extension, New Work	$ 630,000 00	
Electric Plant at Water Works..	50,000 00	
Relief (Sundry Persons)	5,150 81	
Costs and Legal Expenses.....	20,000 00	
Interest on Water Works Bonds.	222,365 65	
Total Appropriations		$ 927,516 46
TRANSFERS—		
To other revenue funds for expenses pertaining to Water Works Revenue, paid out of appropriations from said funds—		
Municipal Revenue—		
For Lighting Public Buildings.		$ 556 38
Total Appropriations and Transfers		$1,625,805 26
Total Resources of Water Works Revenue		$3,646,137 69
Total Appropriations and Transfers		1,625,805 26
Unappropriated balance to credit, April 11, 1904.....		$2,020,332 43

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STATEMENT "A"—CONTINUED.

FOURTH.

HARBOR FUND.

RESOURCES—			
Unappropriated balance to credit, April 13th, 1903		$ 50,098 86	
Receipts into the Treasury—			
Wharfage and Wharf Rents	$ 82,827 97		
Miscellaneous—			
Sales of Condemned and Useless Property	140 31		
Total receipts into the Treasury.		82,968 28	
Transfers—			
From Municipal Revenue for expenses paid out of appropriations made for harbor boat, but pertaining to appropriations for Street Cleaning—			
Floating Dumps		2,500 00	
Total Resources of Harbor Fund			$ 135,567 14
APPROPRIATIONS—			
For Warrants drawn against the Treasury—			
For Salaries, Current Expenses and Repairs, Cleaning Levee and Removing Obstructions	$ 10,899 87		
Harbor and Wharf—Salaries, Current Expenses and Repairs	12,547 48		
Harbor Boat	14,932 70		
Repairs, Dikes, Wharfs and River Bank	13,111 49		
Harbor and Wharf, Special Fund.	479 55		
Total Warrants drawn against the Treasury		$ 51,971 09	

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STATEMENT "A"—CONTINUED.

TRANSFERS—			
To Municipal Revenue — For expenses pertaining to Harbor Fund but paid out of appropriations from Municipal Revenue—			
Lighting Public Buildings.....	$ 20		
Street Cleaning—Floating Dumps	1,000 00		
To Sewer Construction Fund...	4,000 00		
		$	5,000 20
Total Appropriations (Warrants drawn) and Transfers.....		$	56,971 29
Total Resources		$	135,567 14
Total Appropriations.....			56,971 29
Unappropriated balance to credit, April 11th, 1904.....		$	78,595 85

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STATEMENT "B"—SPECIAL FUNDS AND ACCOUNTS.

SPECIAL FUNDS.

Opening Streets—Special Fund—			
Debit balance, April 13th, 1903...	$ 121,377 82		
Apprpriations to pay damages in matter of opening streets and alleys	25,066 55		
		$ 146,444 37	
By Appropriation from Municipal Revenue	$ 10,000 00		
By Collector's Commissions on collections of benefits assessed.....	1,782 69		
Special Tax Bills Cancelled.....	455 65		
By Receipts into the Treasury— Special Tax Bills Collected.....	58,127 20		
		70,365 54	
Debit balance, April 11th, 1904..			$ 76,078 83
Boulevards—Special Fund—			
Debit balance, April 13th, 1903....	$ 30,386 86		
Debit balance, April 11th, 1904....			30,386 86
Changing Street Grades — Special Fund—			
Debit balance, April 13th, 1903....		$ 311 30	
Debit balance, April 11th, 1904....			311 30
Sprinkling Streets—Special Fund—			
Debit balance, April 13th, 1903....		$ 87,301 18	
Appropriations for Sprinkling Streets		192,551 50	
Transfers to Municipal Revenue—			
Amount of difference of assessment and cost of work.....		8,168 54	
Amount of interest on Street Sprinkling Special Tax Bills.		6,357 77	
			294,378 99
Receipts into the Treasury.....		$ 194,280 72	
Sprinkling Streets—Special Fund—			
Transfer from Municipal Revenue—			
Special Tax Bills cancelled.....		$ 4,860 58	
Commissions on Collections retained by the Collector		7,839 40	
			206,480 70
Debit balance, April 11th, 1904....			$ 87,898 29

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STATEMENT "B"—CONTINUED.

Judgments—			
Salaries and Expenses of Deputy Sheriffs—Strike, A. D. 1900—			
Debit balance, April 13th, 1903..		$ 92,882 40	
Warrants drawn against the Treasury		3,893 81	
Debit balance, April 11th, 1904..			$ 96,776 21
Total debit balances, April 11th, 1904			$ 291,451 49
City Treasury Notes—Municipal Currency, Issue of 1873 —			
Balance to credit, April 13th, 1903.		$ 61 25	
Warrants drawn against the Treasury		4 00	
Balance to credit, April 11th, 1904.			$ 57 25
Issue Prior to 1870—			
Balance to credit, April 13th, 1903.		$ 27 25	
Warrants drawn against the Treasury		3 00	
Balance to credit, April 11th, 1904.			24 25
Contract and other Deposits—			
Balance to credit, April 13th, 1903..	$ 83,585 29		
Receipts into the Treasury	278,266 59		
		$ 361,851 88	
Warrants drawn against the Treasury .....$	192,603 36		
Transfers: The expenses to cover which were paid out of the appropriations of Revenue Funds—			
Municipal Revenue	36,910 76		
Water Works Revenue	21,803 84		
Transfers to Municipal Revenue, Cost of Plumbing Inspections....	11,739 00		
		263,056 96	
Balance to credit, April 11th, 1904..			98,794 92
Firemen's Pension Fund—			
Appropriations from Municipal Revenue		$ 9,215 30	
Warrants drawn against the Treasury		9,215 30	
Comparing Delinquent Street Sprinkling Special Tax Bills—			
Appropriation from Municipal Revenue		$ 365 00	
Warrants drawn against the Treasury		365 00	

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STATEMENT "B"—CONTINUED.

Old County Claims—			
Balance to credit, April 13th, 1903.		$ 2,242 43	
Balance to credit, April 11th, 1904.			$ 2,242 43
Erection of Hospital Buildings, Ord. 13,411—			
Balance to credit, April 13th, 1903.	$ 225 15		
Appropriation from Municipal Revenue	207,209 21		
		$ 207,434 36	
Appropriation to erection of New City Hospital, Ord. 20,776		207,434 36	
Deposits to pay Special Tax Bills—			
Receipts into the Treasury		$ 1,209 84	
Warrants drawn against the Treasury		1,209 84	
Pay Roll Account—Special Fund—			
Balance to credit, April 13th, 1903.	$ 1,440 34		
Receipts into the Treasury	6,233 73		
		$ 7,674 07	
Warrants drawn against the Treasury	$ 3,805 98		
Transfers for amounts remaining uncalled for more than one year—			
Municipal Revenue	442 13		
Water Works Revenue	6 63		
		3,254 74	
Balance to credit, April 11th, 1904.			4,419 33
House of Refuge Bakery—			
Receipts into the Treasury		$ 10,126 94	
Warrants drawn against the Treasury	$ 10,112 78		
Transferred to Municipal Revenue.	14 16		
		10,126 94	
Poor House Bakery—			
Receipts into the Treasury for bread delivered to City Institutions, and for empty flour barrels sold		$ 27,691 22	
Warrants drawn against the Treasury	$ 25,835 85		
Transferred to Municipal Revenue.	1,855 37		
		27,691 22	

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STATEMENT "B"—CONTINUED.

Public Library—Special Fund—			
Balance to credit, April 13th, 1903.	$ 18,909 09		
Receipts into the Treasury.....	173,064 63		
		$ 191,973 72	
Warrants drawn against the Treasury		181,585 18	
Balance to credit, April 11th, 1904.			$ 10,388 54
Redemption of Land Sold for Taxes—			
Balance to credit, April 13th, 1903.		$ 662 53	
Balance to credit, April 11th, 1904.			662 53
Refunding Licenses and Taxes, 13th Ward—			
Balance to credit, April 13th, 1903.		$ 83 95	
Balance to credit, April 11th, 1904.			83 95
Refunding Water Pipe — Special Taxes—			
Balance to credit, April 13th, 1903.		$ 862 94	
Balance to credit, April 11th, 1904.			862 94
Retained Percentages on Contracts—			
Balance to credit, April 13th, 1903.	$ 52,221 04		
Amount transferred to Sundry Accounts from Municipal Revenue appropriations account of percentages retained from payments on account of work done during the fiscal year	1,334 29		
		$ 53,555 33	
Warrants drawn against the Treasury		19,778 72	
Balance to credit, April 11th, 1904.			33,776 61
Unclaimed Allowances on Estates—			
Balance to credit, April 13th, 1903.	$ 3 00		
Receipts into the Treasury.....	38 53		
		$ 41 53	
Warrants drawn against the Treasury		41 53	
Sinking Fund—			
Balance to credit, April 13th, 1903.		$1,075,456 57	
Amount transferred from the appropriations to meet the requirements of Art. XIV of the Charter, viz.—			
Amount appropriated	$1,200,000 00		
Amount required to pay interest...	778,409 28		
		421,590 72	
Balance to credit, April 11th, 1904.			1,497,047 29

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STATEMENT "B"—CONTINUED.

World's Fair Sinking Fund—			
Balance to credit, April 13th, 1903.	$ 4,600 00		
Amount transferred from the appropriations to meet the requirements of Ord. 20,641, viz.—			
Amount appropriated	337,247 50		
		$ 341,847 50	
Amount required to pay interest...	$ 150,247 50		
Amount paid for purchase of $197,000.00 of bonds	191,090 00		
		341,337 50	
Balance to credit, April 11th, 1904.			$ 510 00
State University Scholarship Fund—			
Balance to credit, April 13th, 1903.		$ 42 68	
Balance to credit, April 11th, 1904.			42 68
State University Scholarship Fund—Income Account—			
Balance to credit, April 13th, 1903.		$ 1,448 48	
Receipts into the Treasury.....		255 50	
Balance to credit, April 11th, 1904.			1,703 98
Wharf North. Floating Debt. (For benefits to be returned, having been collected under proceedings of condemnation which were set aside—			
Balance to credit, April 13th, 1903.		$ 32 59	
Balance to credit, April 11th, 1904.			32 59
Witness and other Fees — Special Fund. (Unclaimed fees paid into the Treasury by officers of the Courts)—			
Balance to credit, April 13th, 1903.	$ 1,078 56		
Receipts into the Treasury	2,729 92		
		$ 3,808 48	
Warrants drawn against the Treasury	$ 107 40		
Transferred to Municipal Revenue (amount remaining unclaimed in the Treasury for over one year..	2,769 04		
		2,876 44	
Balance to credit, April 11th, 1904.			932 04
Witness and other Fees — Special Fund—Criminal Cases—			
Balance to credit, April 13th, 1903.	$ 2,586 95		
Receipts into the Treasury	47,131 00		
		$ 49,717 95	

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STATEMENT "B"—CONTINUED.

Warrants drawn against the Treasury	$ 21,897 60		
Transferred to Municipal Revenue (Fees belonging to the City)	25,061 50		
		$ 46,959 10	
Balance to credit, April 11th, 1904.			$ 2,758 85

SPECIAL ACCOUNTS.

(Accounts for which appropriations are made for special purposes. These special appropriations stand until the object is accomplished, when the unexpended balance is transferred to the fund from which the appropriation was made. Accounts of the various appropriations are condensed according to their general purposes. By the term "appropriation," whenever it occurs, is meant the net amount, after transferring unappropriated balances set apart for the general purpose out of the revenues of the fiscal year, 1903-1904.)

Construction of Engine House and Purchase of Lots—Sundry Accounts—			
Appropriations from Municipal Revenue	$ 149,100 00		
Balance to credit, April 13th, 1903.	9,219 72		
		$ 158,319 72	
Warrants drawn against the Treasury		102,944 70	
Balance to credit, April 11th, 1904.			55,375 02
Damages and Benefits to be Returned in matter of Opening Streets, Alleys, etc.—			
Balance to credit, April 13th, 1903.	$ 50,131 25		
Appropriations from Opening Streets—Special Fund	25,066 55		
		$ 75,197 80	
Warrants drawn against the Treasury		51,184 39	
Balance to credit, April 11th, 1904.			24,013 41

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STATEMENT "B"—CONTINUED.

Improvements, Alterations and Repairs of Buildings—			
New City Hall, Ord. 15,558, etc.—			
Balance to credit, April 13th, 1903	$ 229 32		
Appropriatins from Municipal Revenue	151,500 00		
		$ 151,729 32	
Warrants drawn against the Treasury		25,307 43	
Balance to credit, April 11th, 1904.			$ 126,421 89
New City Hospital, Ord, 20,162—			
Balance to credit, April 13th, 1903.	$ 130,765 18		
Appropriations from Municipal Revenue	207,434 36		
		$ 338,199 54	
Warrants drawn against the Treasury		89,700 28	
Balance to credit, April 11th, 1904.			248,499 26
Jail—Erection of Stables, Ord. 19,986—			
Balance to credit, April 13th, 1903..		$ 350 00	
Balance to credit, April 11th, 1904..			350 00
New City Hall—Furnishing—			
Balance to credit, April 13th, 1903..	$ 29 76		
Appropriation from Municipal Revenue	1,394 57		
		$ 1,424 33	
Warrants drawn against the Treasury	$ 1,394 57		
Transferred to Municipal Revenue.	29 76		
		1,424 33	
Street Opening—St. Vincent Ave.—			
Balance to credit, April 13th, 1903..		$ 229 58	
Balance to credit, April 11th, 1904..			229 58
Police—Erection of Station Houses and Purchase of Lots—			
Balance to credit, April 13th, 1903..		$ 202 97	
Balance to credit, April 11th, 1904..			202 97
Public Drinking Fountains—Erection of—			
Balance to credit, April 13th, 1903..	$ 900 00		
Appropriation from Municipal Revenue	600 00		
		$ 1,500 00	
Warrants drawn against the Treasury		600 00	
Balance to credit, April 11th, 1904..			900 00

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STATEMENT "B"—CONTINUED.

Relief Ordinances—Sundry Accounts—			
Balance to credit, April 13th, 1903..	$ 3,800 69		
Appropriations from Municipal Revenue	86,983 36		
Appropriation from Water Works Revenue	5,150 81		
		$ 95,934 86	
Warrants drawn against the Treasury		86,704 66	
Balance to credit, April 11th, 1904.			$ 9,230 20
Special Tax Fund—New Work—			
(To pay for improvements abutting property owned by the City—Sundry Accounts)—			
Balance to credit, April 13th, 1903..	$ 75,472 45		
Appropriations from Municipal Revenue—			
For Street Reconstruction	$ 33,574 00		
For Sewer Construction	33,020 00		
		$ 142,066 45	
Warrants drawn against the Treasury	$ 62,105 05		
Transferred to Municipal Revenue.	20 00		
		62,125 05	
Balance to credit, April 11th, 1904..			79,941 40
Sewer Construction—New Work—			
Balance to credit, April 13th, 1903..	$ 136,563 92		
Appropriation from Municipal Revenue	114,864 94		
		$ 251,428 86	
Transferred to Municipal Revenue.	$ 1,356 69		
Warrants drawn against the Treasury	167,910 92		
		169,267 61	
Balance to credit, April 11th, 1904..			82,161 25
Streets, Bridges and Culverts—New Work—Sundry Accounts—			
Balance to credit, April 13th, 1903..	$ 8,509 98		
Appropriation from Municipal Revenue	90,000 00		
		$ 98,509 98	
Transferred to Municipal Revenue.	$ 1,363 70		
Warrants drawn against the Treasury	12,668 36		
		14,032 06	
Balance to credit, April 11th, 1904..			84,477 92

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STATEMENT "B"—CONTINUED.

Poor House Dairy—For erection of building and installing dairy at Poor House—		
Balance to credit, April 13th, 1903..	$ 6,100 00	
Balance to credit, April 11th, 1904.		$ 6,100 00
Construction Electric Light Plant New City Hall, Ord. 20,837—		
Balance to credit, April 13th, 1903..	$ 29,569 15	
By Warrants drawn against the Treasury	29,081 05	
Balance to credit, April 11th, 1904..		488 10
Improvement and Alteration New City Hall—Installation of Elevators, Ord. 20,828—		
Balance to credit, April 13th, 1903..	$ 3,455 36	
By Warrants drawn against the Treasury	3,260 37	
Balance to credit, April 11th, 1904..		194 99
Construction Electric Light Plant at Insane Asylum, Ord. 20,838—		
Balance to credit, April 13th, 1903..	$ 10,286 06	
By Warrants drawn against the Treasury	10,286 06	
Construction of Hospital at Poor House, Ord. 20,692—		
Balance to credit, April 13th, 1903..	$ 39,927 89	
By Warrants drawn against the Treasury	39,389 52	
Balance to credit, April 11th, 1904..		538 37
Kingshighway Boulevard Commission, Ord. 20,760—		
Balance to credit, April 13th, 1903..	$ 649 00	
By Warrants drawn against the Treasury	649 00	
Installation of Boilers at Insane Asylum, Ord. 20,777—		
Balance to credit, April 13th, 1903..	$ 139 00	
By Warrants drawn against the Treasury	139 00	
Erection of New Building at Poor House, Ord. 21,227—		
Appropriation from Municipal Revenue	$ 100,000 00	
By Warrants drawn against the Treasury	45 97	
Balance to credit, April 11th, 1904..		99,954 03

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STATEMENT "B"—CONTINUED.

Improvement and Alteration of Four Courts Building, Ord. 20,834—			
Balance to credit, April 13th, 1903..		$ 790 00	
By Warrants drawn against the Treasury		507 96	
Balance to credit, April 11th, 1904.			$ 282 04
Construction of Sidewalks, Ord. 21,056—21,111—			
Balance to credit, April 13th, 1903..		$ 2,500 00	
By Warrants drawn against the Treasury		2,490 80	
Balance to credit, April 11th, 1904..			9 20
Repairing Laundry at Insane Asylum, Ord. 21,130—			
Balance to credit, April 13th, 1903..		$ 477 40	
By Warrants drawn against the Treasury		477 40	
Alteration and Reconstruction of Engine House, Ord. 21,071—			
Balance to credit, April 13th, 1903..$	20,000 00		
Appropriation from Municipal Revenue	7,000 00		
		$ 27,000 00	
By Warrants drawn against the Treasury		23,423 84	
Balance to credit, April 11th, 1904..			3,576 16
Erecting One-Story Brick Building on Female Hospital Grounds for Kitchen and Laundry purposes—			
Balance to credit, April 13th, 1903..		$ 111 69	
Balance to credit, April 11th, 1904..			111 69
Erecting Fire Escapes, Emergency Hospital No. 2—			
Appropriation from Municipal Revenue		$ 1,119 00	
By Warrants drawn against the Treasury		1,119 00	
Purchase of Emergency Hospital Building No. 2, Ords. 21,171—21,216—			
Appropriation from Municipal Revenue		$ 44,666 65	
By Warrants drawn against the Treasury		44,666 65	
Installing Boilers at Poor House, Ord. 21,344—			
Appropriation from Municipal Revenue		$ 5,300 00	
Balance to credit, April 11th, 1904..			5,300 00

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STATEMENT "B"—CONTINUED.

Installing Additional Boilers at Emergency Hospital, Ord. 21,342—			
Appropriation from Municipal Revenue		$ 4,800 00	
Warrants drawn against the Treasury		4,632 25	
Balance to credit, April 11th, 1904.			$ 167 75
New Public Buildings Commission, Ordinance 21,226—			
Appropriation from Municipal Revenue		$ 5,000 00	
Balance to credit, April 11th, 1904..			5,000 00
Improvements in Forest Park, Ord. 21,256—			
Appropriation from Municipal Revenue		$ 10,000 00	
Warrants drawn against the Treasury		4,513 74	
Balance to credit, April 11th, 1904..			5,486 26
Garbage Investigating Committee, Ord. 21,206—			
Appropriation from Municipal Revenue		$ 2,500 00	
Warrants drawn against the Treasury		2,400 00	
Balance to credit, April 11th, 1904..			100 00
Purchase Garbage Hauling Plant, Ord. 21,420—			
Appropriation from Municipal Revenue		$ 51,092 00	
Warrants drawn against the Treasury		51,092 00	
Redemption of Bonds—			
Transfer from World's Fair Sinking Fund		$ 191,090 00	
Warrants drawn against the Treasury		191,090 00	
Water Pipe and Laying—New Work—Sundry Accounts—			
Balance to credit, April 13th, 1903.		$ 329,984 71	
Warrants drawn against the Treasury	$ 258,641 53		
Transferred to Municipal Revenue, for work paid out of appropriation from that fund	2,145 03		
		$ 260,786 56	
Balance to credit, April 11th, 1904.			69,198 15

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STATEMENT "B"—CONTINUED.

Water Works Extension—New Work—			
Balance to credit, April 13th, 1903.	$ 736,446 98		
Appropriation from Water Works Revenue	630,000 00		
		$1,366,446 98	
Warrants drawn against the Treasury	$ 147,204 80		
Transferred to Water Works Revenue	55,000 00		
Transferred to Municipal Revenue.	324 92		
		202,529 72	
Balance to credit, April 11th, 1904.			$1,163,917 26
Chicago Drainage Canal—Litigation—			
Balance to credit, April 13th, 1903.	$ 459 90		
Appropriation from Water Works Revenue to pay costs and expenses	20,000 00		
		$ 20,459 90	
Warrants drawn against the Treasury		6,195 33	
Balance to credit, April 11th, 1904.			14,264 57
Water Works—Reconstruction—			
Balance to credit, April 13th, 1903.		$ 300,865 45	
Warrants drawn against the Treasury		49,835 04	
Balance to credit, April 11th, 1904.			251,030 41
Water Works Electric Plant—			
Balance to credit, April 13th, 1903.	$ 3,225 77		
Appropriation from Water Works Revenue	50,000 00		
		$ 53,225 77	
By Warrants drawn against the Treasury		29,703 92	
Balance to credit, April 11th, 1904.			23,521 85
Sprinkling Plug Fund, Ord. 20,870—			
Balance to credit, April 13th, 1903.		$ 100,000 00	
By Warrants drawn against the Treasury		9,647 28	
Balance to credit, April 11th, 1904.			90,352 72
Water Meter Fund, Ord. 20,869—			
Balance to credit, April 13th, 1903.		$ 15,000 00	
By Warrants drawn against the Treasury		14,808 75	
Balance to credit, April 11th, 1904.			191 25

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STATEMENT "B"—CONTINUED.

Clarifying and Purifying Water Supply, Ord. 21,026—			
Balance to credit, April 13th, 1903.		$ 110,000 00	
By Warrants drawn against the Treasury		74,557 15	
Balance to credit, April 11th, 1904.			$ 35,442 85
Constructing Free Bath Houses, Ord. 20,820—			
Balance to credit, April 13th, 1903.		$ 30,000 00	
Balance to credit, April 11th, 1904.			30,000 00
Sprinkling Streets—			
Appropriation from Street Sprinkling, Special Fund	$ 192,551 50		
Appropriation from Municipal Revenue	332 64		
		$ 192,884 14	
By Warrants drawn against the Treasury	$ 189,323 96		
Transferred to Water Works Revenue to cover cost of Repairing Fire Plugs	3,560 18		
		192,884 14	
Warrant Account—			
Balance to credit, April 13th, 1903.	$ 234,779 89		
Warrants drawn against the Treasury	10,705,858 98		
		10,940,638 87	
Warrants paid by the Treasurer.	$10,576,563 82		
Amount of Warrants Cancelled (under authority of Sec. 2285, Art. 2, Chapter 37, unclaimed for more than 5 years)	879 03		
		10,577,442 85	
Balance to credit, April 11th, 1904.			363,196 02
Total credit balance of Special Funds and Accounts, April 11th, 1904			$4,534,566 75

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STATEMENT "C"—TRANSACTIONS THROUGH THE TREASURY.

Receipts into Disbursements from, and Balance in the City Treasury at Close of Fiscal Year 1903-1904, and Balances to the Credit of the Revenue and Special Funds and Accounts, April 11th, 1904.

COMPILED FROM STATEMENTS "A" AND "B."

FIRST.

RECEIPTS.

Receipts on account of Revenue Funds—		
Interest and Public Debt Revenue.	$ 989,253 67	
Municipal Revenue	8,096,353 19	
Water Works Revenue	1,739,436 20	
Harbor Fund	82,968 28	
		$10,908,011 34
Receipts on account of Special Funds and Accounts—		
Opening Streets—Special Fund	$ 58,127 20	
Street Sprinkling—Special Fund	194,280 72	
State University Scholarship Fund —Income Account	255 50	
Public Library—Special Fund	173,064 63	
Contract and other Deposits	278,266 59	
Poor House Bakery	27,691 22	
House of Refuge Bakery	10,126 94	
Pay Roll Account—Special Fund	6,233 73	
Witness and other Fees	2,729 92	
Witness and other Fees, Criminal Cases (Special Fund)	47,131 00	
Deposits to pay Special Taxes	1,209 84	
Unclaimed Allowances on Estates	38 53	
		799,155 82
Total receipts during the year		$11,707,167 16
Balance in Treasury, April 13th, 1903		6,292,592 62
Total Receipts and Balance		$17,999,759 78

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STATEMENT "C"—CONTINUED.

SECOND.

DISBURSEMENTS.

Warrants drawn against the Treasury chargeable to the General Appropriations from the Revenue Funds (for details, see Statement "A")—			
Interest and Public Debt Revenue.	$ 932,060 18		
Municipal Revenue	6,764,983 21		
Water Works Revenue	697,732 42		
Harbor Fund	51,971 09		
			$8,446,696 90
Warrants drawn against the Treasury chargeable to Special Funds and Accounts. (See Statement "B")—			
Contract and other Deposits	$ 192,603 36		
Firemen's Pension Fund	9,215 30		
Pay Roll Account	2,805 98		
House of Refuge Bakery	10,112 78		
Poor House Bakery	25,835 85		
Public Library	131,585 18		
Retained Percentages on Contracts	19,778 72		
Witness and other Fees — Special Fund	107 40		
Witness and other Fees — Special Fund—Criminal Cases	21,897 60		
Damages due and Benefits to be returned in the matter of opening Streets, Alleys, etc.	51,184 89		
Redemption of Bonds	191,090 00		
City Treasury Notes — Municipal Currency	7 00		
Unclaimed Allowances on Estates.	41 53		
Temporary Deposits to pay Special Taxes	1,209 84		
Comparing Delinquent Street Sprinkling Bills	365 00		
Relief—Sundry Accounts	86,704 66		
Judgments	3,893 81		
		$	798,438 40
Improvements, Alterations, Repairs of Public Buildings, and Disbursements for other Public Work—			
Sewer Construction—New Work.	$ 167,910 92		
Special Tax Fund—New Work	62,105 05		
Sprinkling Streets	189,323 96		
Kingshighway Boulevard Commission	649 00		

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STATEMENT "C"—CONTINUED.

Improvement and Alteration Four Courts Building	$ 507 96	
Construction of Electric Light Plant at Insane Asylum	10,286 06	
Installation of Boilers, Insane Asylum	189 00	
Equipping and Manning Engine House, World's Fair, Ord. 21,353	3,444 70	
Alteration and Reconstruction of Engine House, Ord. 21,071	23,423 84	
Erection of Elevators — New City Hall	3,260 37	
Construction Electric Light Plant—New City Hall	29,081 05	
Purchase of Lots and Construction of Engine Houses	99,500 00	
New City Hall—Furnishing	1,394 57	
New City Hospital—Erection	89,700 28	
Repairing Laundry, Insane Asylum	477 40	
Construction of Hospital Building at Poor House	39,389 52	
Erection New City Hall	25,307 43	
Extension Heating System Emergency Hospital No. 2	4,632 25	
Construction Granitoid Walk, Forest Park	2,490 80	
Purchase Emergency Hospital No. 2	44,666 65	
Erection of Fire Escapes, Emergency Hospital No. 2	1,119 00	
Garbage Investigating Commission	2,400 00	
Erection New Buildings, Poor House	45 97	
Purchase Excelsior Hauling and Transfer Co. Plant	51,092 00	
Improvements, Forest Park	4,513 74	
Reconstruction Drinking Fountain	600 00	
Streets, Bridges and Culverts	12,668 36	
		$ 870,129 88
Water Pipe and Laying	$ 258,641 53	
Water Works Extension—New Work	147,204 80	
Water Works Reconstruction	49,835 04	
Chicago Drainage Canal Litigation	6,195 33	
Purifying Water Supply	74,557 15	
Erection of Electric Plant at Water Works	29,703 92	
Water Meters	14,808 75	
Sprinkling Plug System	9,647 28	
		590,593 80
		$ 2,259,162 08

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STATEMENT "C"—CONTINUED.

Total Warrants drawn, fiscal year, 1903-1904			$10,705,858 98
Unpaid Warrants on hand, April 13th, 1903, less cancelled Warrants			233,900 86
			$10,939,759 84
Unpaid Warrants on hand, April 11th, 1904			363,196 02
Disbursements out of Treasury during fiscal year, 1903-1904			$10,576,563 82
Total receipts into the Treasury during fiscal year, 1903-1904, and balance in Treasury at beginning of fiscal year, as shown above		$17,999,759 78	
Total disbursements out of the Treasury during the fiscal year		10,576,563 82	
Balance in Treasury, April 11th, 1904			$7,423,195 96

THIRD.

CONDITION OF THE TREASURY.

Balance in the Treasury, April 11th, 1904		$7,423,195 96	
Amount debit balance "Opening Streets—Special Fund," being the uncollected Special Tax Bills for benefits assessed. The balances to the credit of appropriations to pay damage are included in the statement below. (See Statement "B," "Opening Streets—Special Fund.")	$ 76,078 83		
Amount debit balance, "Boulevard Special Fund," being the amount uncollected, Special Tax Bills. (See Statement "B," "Boulevards — Special Fund.")	30,386 86		
Amount debit balance "Changing Street Grades—Special Fund," being amount of unsatisfied judgments for benefits assessed in matter of changing grades of streets	311 30		
Amount debit balance "Street Sprinkling — Special Fund," being the amount of uncollected Special Tax Bills. (See Statement "B," "Street Sprinkling—Special Fund.")	87,898 29		
Amount debit balance, "Judgments," Salaries and Expenses of Deputy Sheriffs, Strike, A. D. 1900	96,776 21		
		291,451 49	
Total Resources of the Treasury			$7,714,647 45

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STATEMENT "C"—CONTINUED.

Belonging to the following Revenue and Special Funds and Accounts, viz.:—		
Revenue Funds. Unappropriated balance to credit of, April 11th, 1904—		
Interest and Public Debt Revenue.	$ 406,977 66	
Municipal Revenue	674,174 76	
Water Works Revenue	2,020,332 43	
Harbor Fund	78,595 85	
		$3,180,080 70
Special Funds. (See Statement "B.")—		
City Treasury Notes (Municipal Currency)—		
Issue of 1873.....$57.25		
Issue prior to 1870..... 24.25		
	$ 81 50	
Contract and other Deposits.....	98,794 92	
Old County Claims	2,242 43	
Pay Roll Account—Special Fund..	4,419 33	
Public Library Special Fund.....	10,388 54	
Redemption of Lands sold for Taxes	662 53	
Refunding of Licenses and Taxes, 13th Ward	83 95	
Refunding Water Pipe — Special Taxes	862 94	
Retained Percentages on Contracts	33,776 61	
Sinking Fund	1,497,557 29	
State University Scholarship Fund	42 68	
State University Scholarship Fund, Income Account	1,703 98	
Wharf North, Floating Debt.....	32 59	
Witness and other Fees, Special Fund	932 04	
Witness and other Fees, Special Fund, Criminal Cases	2,758 85	
Street Openings, St. Vincent Ave.	229 58	
		1,654,569 76
Special Accounts. Unexpended balances of appropriations, April 11th, 1904. (See Statement "B.")—		
Construction of Engine Houses and Purchase of Lots	$ 55,375 02	
Damages due and benefits to be returned in matter of opening Streets, Alleys, etc. (Sundry Accounts)	24,013 41	

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STATEMENT "C"—CONTINUED.

Improvements, Alterations and Repairs of Public Buildings, etc.—			
New City Hall, Ord. 15,5b8, etc....	$ 126,421 89		
New City Hospital, erection of....	248,499 26		
		$	454,309 58
Improvements, Alterations and Repairs of House of Refuge, Jail and Work House —			
Jail—Erection of Stable	$ 350 00		
Police—Erection of Station Houses and Purchase of Lots.....	202 97		
Relief Ordinances	9,230 20		
Sewers—Construction (Sundry Accounts)	82,161 25		
Special Tax Fund—New Work....	79,941 40		
Street Bridges and Culverts (Sundry Accounts)	84,477 92		
Poor House Dairy	6,100 00		
Construction Electric Light Plant, New City Hall	488 10		
Installing Elevators, New City Hall	194 99		
Construction of Hospital — Poor House	538 87		
Improvement and Alteration of Four Courts Building	282 04		
Erection of New Building at Poor House	99,954 03		
Installing Boilers at Poor House..	5,300 00		
Installing Boilers at Emergency Hospital	167 75		
New Public Buildings Commission	5,000 00		
Improvements in Forest Park	5,486 26		
Garbage Investigating Committee.	100 00		
Construction of Sidewalks.....	9 20		
Alteration and Reconstruction of Engine House	3,576 16		
Erecting Laundry, Female Hospital	111 69		
			383,672 33
Water Pipe and Laying (Sundry Accounts)	$ 69,198 15		
Water Works Extension (Sundry Accounts)	1,163,917 26		
Water Works Reconstruction	251,030 41		
Water Works—Erection of Electric Plant	23,521 85		
Public Drinking Fountains	900 00		
Chicago Drainage Canal Litigation	14,264 57		
Purifying and Clarifying Water Supply	35,442 85		

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STATEMENT "C"—CONTINUED.

Sprinkling Plug Fund.....	$ 90,352 72		
Water Meter Fund	191 25		
Construction of Free Public Bath Houses	30,000 00		
		$1,678,819 06	
Unpaid warrants on hand, April 11th, 1904		363,196 02	
Total of Unappropriated Surplus and Amounts standing to the credit of Special Funds and Accounts, April 11th, 1904			$7,714,647 45

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ESTIMATES FOR THE FISCAL YEAR 1904-1905.

STATEMENT "D"—REVENUE FUNDS.

Estimated Resources of the Various Revenue Funds, and Estimated Requirements of the Various Departments of the City Government for the Fiscal Year from April 12th, 1904, to April 10th, 1905.

FIRST.

INTEREST AND PUBLIC DEBT REVENUE.

(For interest and valid indebtedness existing prior to Constitution and Charter.)

AMOUNTS AVAILABLE FOR APPROPRIATIONS—		
Unappropriated balance to credit, April 12th, 1904		$ 406,977 66
Revenue—		
Taxes 1904—		
29-100 of 1 per cent on $428,510,340, assessed value of real and personal property (excepting steamboats), less 10 per cent. delinquency....	$1,118,412 00	
Railroad, Bridge, Telegraph, Express and Street Railroad Taxes 1904 on assessment by the State Board of Equalization	61,000 00	
Delinquent Taxes	120,000 00	
From Water Works Revenue to meet interest on $5,808,000.00 of Water Works Bonds, Ord. 21,475	222,365 65	
From Water Works Revenue to establish Sinking Fund for redemption of Water Works Bonds, Ordinance 21,475 ...	300,000 00	
		1,821,777 65
		$2,228,755 31

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STATEMENT "D"—CONTINUED.

AMOUNT OF APPROPRIATIONS REQUIRED—			
Appropriation to meet the requirements of Art. XIV of the amended City Charter, for payment of interest on and reduction of the bonded debt outstanding, April 7th, 1890, which includes $5,808,000.00 Water Works Bonds		$1,200,000 00	
Appropriation to meet the requirements of Ord. 20,641 to provide for the payment of interest on the $5,000,000 bonds issued in aid of the St. Louis World's Fair celebrating the Louisiana Purchase Centennial, and to create a sinking fund for the repayment of the principal at maturity—			
Interest	$ 143,747 50		
Sinking Fund	194,000 00		
		337,747 50	
Miscellaneous expenses		15,000 00	
			$1,552,747 50
Excess of estimated resources over estimated requirements			$ 676,007 81

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STATEMENT "D"—CONTINUED.

SECOND.

MUNICIPAL REVENUE.

(For General Municipal Purposes.)

AMOUNTS AVAILABLE FOR APPROPRIATIONS—		
Unappropriated balance to credit, April 12th, 1904		$ 674,174 76
Revenue—		
Taxes 1904—		
$1.15 per $100 on $428,510,340 assessed value of real and personal property (excepting steamboats) less 10 per cent delinquencies	$4,435,082 00	
1-10 of 1 per cent on $271,900.00 estimated assessed value of steamboat property	271 90	
Railroad, Bridge, Telegraph, Express and Street Railroad Taxes for 1904 assessed by the State Board of Equalization	350,000 00	
		4,785,353 90
Delinquent Taxes		380,000 00
Interest on Current Deposits		187,786 25
Licenses—		
Bicycles	$ 3,500 00	
Commission Merchants	18,000 00	
Dog	21,000 00	
Dramshop	1,250,000 00	
Insurance Companies and Agents	17,000 00	
Manufacturers	240,000 00	
Merchants	320,000 00	
Peddlers and Hawkers	19,000 00	
Street Railways	40,000 00	
Vehicle	85,000 00	
All other Licenses	86,500 00	
		2,100,000 00
Boiler and Elevator Inspections		15,000 00
Building Permits		20,000 00
Collections on Franchises—		
Waters-Pierce Oil Co., Ord. 12,312	$ 400 00	
Central Traction, Ord. 19,352	10,000 00	
Citizens' Railway Co., Ord. 11,528	10,000 00	
People's Railway Co., Ord 17,196	5,000 00	
St. Louis Railroad Co., Ordinances 12,477 and 14,182	7,500 00	

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STATEMENT "D"—CONTINUED.

St. Louis Transfer Railway Co., Ord. 12,975	$ 1,000 00	
Merchants' Bridge Terminal Railway Co., Ord. 14,078	5,100 00	
Southern Railway Co., Ordinances 14,837 and 17,693	12,000 00	
St. Louis, Oak Hill and Carondelet Railroad, Ord. 14,739	1,000 00	
Lindell Railway Co., Ord. 19,429.	28,000 00	
St. Louis and Suburban Railway Co., Ord. 19,393	5,000 00	
St. Louis and Suburban Railway Co. and St. Louis and Meramec River R. R. Co., Ord. 19,350	3,500 00	
National Subway Co., Ord. 15,953	1,000 00	
Cass Avenue and Fair Grounds Railway Co., Ord. 16,639	15,000 00	
Union Depot Railroad Co., Ord. 17,021	3,000 00	
Grand Avenue Railway Co., Ord. 17,047	2,000 00	
Southwestern Railroad Co., Ord. 17,185.	1,000 00	
Jefferson Avenue Railroad Co., Ord. 18,047	6,000 00	
Kingshighway R. R. Co., Ord. 18,048	200 00	
St. Louis and Meramec River Railroad Co., Ord. 18,321	3,000 00	
Telephone Companies	55,000 00	
Electric Light Companies	70,000 00	
Telegraph Companies	300 00	
St. Louis Refrigerating & Cold Storage Co.	2,000 00	
		$ 247,000 00
Fines, Fees and Commissions		165,000 00
Markets		32,000 00
Recorder of Deeds		55,000 00
Rents		4,000 00
Scales		21,000 00
State's portion cost of assessing the Revenue		35,000 00
State's appropriation for rent, lighting and heating St. Louis Court of Appeals		2,500 00
Weights and Measures, Inspections		11,000 00
All other sources		40,000 00
Total available for appropriations.		$8,774,814 91

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STATEMENT "D"—CONTINUED.

AMOUNTS REQUIRED TO MEET THE FOLLOWING OBLIGATIONS—		
Hospital Fund, Ord. 13,411.....	$ 80,963 53	
Police (Requisition of Board of Police Commissioners)	1,995,250 00	
		$2,076,213 53
AMOUNTS OF APPROPRIATIONS REQUIRED:		
For General Expenses—		
Courts and Expenses incident thereto—		
Costs and Legal Expenses.....	$ 38,000 00	
Courts	277,590 57	
Jury Commissioner	9,652 00	
Jury and Witness Fees.....	60,000 00	
Law Department	20,500 00	
Marshal's Office	30,799 84	
		$ 436,542 41
Coroner and Morgue—		
Coroner	$ 24,814 84	
Morgue	6,177 60	
		30,992 44
Departments where fees of the office pay the expenses—		
Board of Engineers and Boiler Inspector...	$ 16,606 00	
Inspector of Weights and Measures.....	10,303 65	
Recorder of Deeds.....	53,120 00	
		80,029 65
Fire Department and Fire Alarm Telegraph—		
Fire Alarm Telegraph.....	$ 78,337 00	
Fire Department	907,400 00	
Fire Department, Pension Fund.....	20,011 30	
		1,005,748 30
Health Department—		
Board of Health and Commissioner.....	$ 28,000 00	
City Chemist	16,800 00	
City Bacteriologist	10,760 00	
Sanitary Division	89,200 00	
City Dispensary	70,700 00	
City Hospital	127,213 20	
Emergency Hospital, No. 2.....	44,351 31	
Female Hospital	56,236 89	
Insane Asylum	108,550 00	
Poor House	137,187 34	
Quarantine and Small Pox Hospital.....	26,000 00	
Removal of Garbage.....	217,831 08	
Reduction of Garbage.....	130,000 00	
		1,062,829 82

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STATEMENT "D"—CONTINUED.

House of Refuge, Jail and Work House—		
House of Refuge	$ 59,749 54	
Jail	42,519 25	
Work House	79,168 00	
		$ 181,436 79
Lighting Streets, Alleys, Parks and Public Places	$ 610,000 00	
Lighting Public Buildings	94,500 00	
		704,500 00
Public Buildings—		
City Hall—Salaries and Current Expenses	$ 800 00	
City Hall—Repairs and Alterations	2,514 35	
New City Hall—Salaries and Current Expenses	31,978 54	
New City Hall—Repairs and Alterations	3,500 00	
New City Hall—Furnishings	2,500 00	
Court House—Salaries and Current Expenses	10,512 15	
Court House—Repairs and Alterations	1,791 35	
Four Courts—Salaries and Current Expenses	16,385 24	
Four Courts—Repairs and Alterations	2,012 00	
		71,993 63
Public Improvements—Salaries, Expenses and Repairs—		
Board of Public Improvements—President's Department	$ 67,600 00	
Fund for Numbering Houses	1,920 00	
		69,520 00
Parks—		
Park Commissioner	$ 10,700 00	
Benton Park	3,000 00	
Carondelet Park, New Limits	10,000 00	
Carr Square	3,000 00	
Forest Park	60,000 00	
Forest Park Boulevard	1,000 00	
Fountain Park	1,500 00	
Gamble Place	1,000 00	
Gravois Park	1,500 00	
Hyde Park	3,000 00	
Jackson Place	1,100 00	
Kenrick Garden	900 00	
Laclede Park	1,200 00	
Lyon Park	2,500 00	
O'Fallon Park	10,000 00	
Rose Hill Place	300 00	
St. Louis Place	6,500 00	
St. Louis Square	800 00	
Washington Square	5,000 00	

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STATEMENT "D"—CONTINUED.

Concert in Public Parks	$ 6,500 00	
Lafayette Park	6,000 00	
Tower Grove Park	25,000 00	
Bills unpaid	7 50	
		$ 160,507 50
Sewers—		
Salaries, Current Expenses and Repairs		200,000 00
Streets—		
Street Commissioner's Department	$ 63,270 00	
Street Bridges and Culverts and Miscellaneous Repairs	50,200 00	
Street Cleaning—Labor and Carts	350,000 00	
Street Cleaning—Block System	150,000 00	
Street Cleaning—Stone and Wood Blocks and Asphaltum Pavements	300,000 00	
Street Grades and Surveys	10,000 00	
Street Repairs—Macadam and other Material	250,000 00	
Street Repairs—Miscellaneous Expenses	150,000 00	
Street Repairs—Reconstructed Streets	104,917 98	
Street Repairs—Salaries	30,000 00	
Streets—Special Temporary Service	100,000 00	
Sprinkling Streets—Ordinance 14,911, to Feb. 1st, 1905	157,931 70	
Sprinkling Bridges, to Feb. 1st, 1905	325 80	
Opening Streets—Expenses	15,000 00	
		1,731,644 98
Departments not classified above—		
Assessment of Revenue	$ 72,897 00	
Commissioner of Public Buildings	39,070 00	
Commissioner of Supplies	25,450 00	
Factory Inspection Department	6,010 00	
License Commissioner	36,920 00	
Municipal Assembly	39,716 25	
Plumbing Inspection Department	17,000 00	
Smoke Abatement Department	10,394 80	
Salaries for Mayor, Comptroller, Auditor, Register and Treasurer and Employes	89,500 00	
		336,958 05
Miscellaneous Expenses—		
Catching and Killing Dogs	$ 5,000 00	
Contingent Fund	44,300 00	
Election and Registration	270,425 00	
Insurance	13,170 00	
Judgments	70,000 00	
Making Back Tax Books and Bills	3,000 00	
Markets	8,839 80	
Mayor's Contingent Fund	12,500 00	

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STATEMENT "D"—CONTINUED.

Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer	$ 4,310 00	
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer	26,000 00	
Real Estate Account	34,400 00	
Scales	4,412 00	
		$ 496,356 80
Total for General Expenses		$6,569,060 87
For Special Purposes—		
To provide for work authorized and contracted for during the last fiscal year, but not completed—		
New City Hall	$ 4,283 50	
Insane Asylum	405 14	
Carr Square	649 00	
Carondelet Park	700 00	
Real Estate Account	75 50	
Court House	2,175 00	
		$ 8,288 14
For Repairs and Alterations of Buildings requiring prompt attention, and other special purposes—		
Fire Department	$ 8,000 00	
House of Refuge	3,000 00	
Work House	10,500 00	
Court House	8,050 00	
Markets	140 00	
City Hospital	1,500 00	
Emergency Hospital, No. 2	148 00	
Female Hospital	10,662 00	
Insane Asylum	4,000 00	
Poor House	14,250 00	
Quarantine and Small Pox Hospital	3,400 00	
Parks	25,400 00	
New City Hall	27,025 00	
Register—Shelving in Sub-Office	100 00	
Commissioner of Public Buildings	1,500 00	
		117,675 00
New Public Work—		
Sewers—Construction	$ 420,000 00	
Public Sewers—Emergency Work	10,000 00	
		430,000 00

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STATEMENT "D"—CONTINUED.

Street, Bridges and Culverts—		
Bridges and Culverts	$ 10,000 00	
Opening Streets—Special Fund	10,000 00	
		$ 20,000 00
		$ 575,963 14
Salaries of Deputy Sheriffs and expenses incurred during strike of street car railway employes, summer of 1900		$ 96,776 21

RECAPITULATION—

Amount to cover hospital fund and police	$2,076,213 53	
Amount of estimated requirements for general expenses	6,569,060 37	
Amount of estimated requirements for special purposes and new public work	575,963 14	
For Salaries—Deputy Sheriffs and expenses incurred on account of strike, summer of 1900	96,776 21	
		$9,318,013 25
Amount available for appropriation		8,774,814 91
Deficiency (excess of estimated requirements over available revenue)		$ 543,198 34

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STATEMENT "D"—CONTINUED.

THIRD.

WATER WORKS REVENUE.

For completing, constructing, operating and repairing Water Works.

AMOUNTS AVAILABLE FOR APPROPRIATION—

Unappropriated balance to credit, April 12th, 1904.	$2,020,888 81	
Revenue—		
Water Rates, Permits, etc.	1,700,000 00	
Total available for appropriation		$3,720,888 81

AMOUNT OF APPROPRIATION REQUIRED—

For operating expenses and cost of collecting the revenue—		
Assessor and Collector of Water Rates	$ 65,000 00	
Water Works	725,000 00	
For Salaries and Expenses of Water Works Extension	25,000 00	
Locomotive—Salaries and Expenses	5,000 00	
Costs and Legal Expenses	15,000 00	
Interest on Water Works Bonds, Ordinance 21,475	222,365 65	
Sinking Fund for Water Works Bonds, Ordinance 21,475	300,000 00	
		$1,357,365 65
Available for Water Pipe (and Laying) and for Extension and Reconstruction and other requirements for the Water Works		$2,363,523 16

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STATEMENT "D"—CONTINUED.

FOURTH.

HARBOR FUND.

(For repairing and improving the Harbor and Wharf, cleansing Levee and removing obstructions, and for Salaries and Expenses of the Harbor and Wharf Department.)

AMOUNTS AVAILABLE FOR APPROPRIATION—

Unappropriated balance, April 12th, 1904.....$	78,596 05	
Revenue—		
Wharfage and Rents.....	82,000 00	
Total available for appropriation.....		$ 160,596 05

AMOUNT OF APPROPRIATION REQUIRED—

For General Expenses—		
Cleaning Levee and removing obstructions....$	12,000 00	
Harbor and Wharf — Salaries and Current Expenses	12,285 15	
Harbor Boat	14,302 00	
Repairs Dikes, Wharf and River Bank.....	30,000 00	
Scavenger Dumps—Salaries and Current Expenses	7,150 00	
Scavenger Dumps—Construction and Repairs.	7,500 00	
Street Cleaning—Floating Dumps.....	13,400 00	
Special Fund	1,000 00	
		97,637 15
Excess of Estimated Resources over Estimated Requirements		$ 62,958 90

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BONDED DEBT.

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BONDED DEBT OF THE CITY OF ST. LOUIS.

APRIL 11, 1904.

(INCLUDING DEBT OF FORMER COUNTY OF ST. LOUIS, ASSUMED BY CITY UNDER THE CHARTER.)

Authority of Issue.	How Payable.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Where Payable.	For What Purpose Issued.	Amount of Outstanding Principal.
					Due 1905.			
Ord. 13279..	Gold, $1000 £200	June 1, 1885....	4 per ct.	20	June 1, 1905..	Nat. Bank Commerce, N. Y. or London	Judgment in favor of St. Louis Gas Light Co.	$ 950,000 00
State Act, Feb. 2, '75	Gold.....	April 1, 1875....	6 per ct.	30	April 1, 1905..	National Bank of Commerce, N. Y....	Purchase Forest Park	1,300,000 00
State Act, Mar. 12, '75	Gold.....	April 1, 1875....	6 per ct.	30	April 1, 1905..	National Bank of Commerce, N. Y....	Purchase Carondelet Park	200,000 00
State Act, Mar. 22, '75	Gold.....	April 1, 1875....	6 per ct.	30	April 1, 1905..	National Bank of Commerce, N. Y....	Purchase O'Fallon Park	400,000 00
					Due 1906.			
Ord. 5780..	Currency..	April 10, 1866...	6 per ct.	40	April 10, 1906..	National Bank Republic, N. Y.....	Purchase Block 121..	245,000 00

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					Due 1907.			
Ord. 13932.. Ord. 14046..	U. S. Gold or Sterling	June 25, 1887..	3.65 pr ct.	20	June 25, 1907..	Nat. Bank Commerce, N. Y. or London	Renewal Bonds..... (Water Works Renewal Bonds.)	2,844,100 00
					Due 1908.			
Ord. 13932.. Ord. 14046..	U. S. Gold or Sterling	April 10, 1888.	4 per ct.	20	April 10, 1908..	Nat. Bank Commerce, N. Y. or London	Renewal Bonds..... (Includes $463,900.00 Water Works Renewal Bonds.)	1,559,000 00
					Due 1909.			
Ord. 19409.. Ord. 19426..	U. S. Gold or Sterling	Dec. 1, 1898...	3.5 pr ct.	11	Dec. 1, 1909..	Nat. Bank of Commerce, N. Y. or N. B. of Scotland, Limited, London.	Renewal Bonds.....	675,000 00
					Due 1911.			
Ord. 15367.. Ord. 15559.. Ord. 16193.. etc.	Sterling or U. S. Gold	Nov. 2, 1891...	4 per ct.	20	Nov. 2, 1911..	Nat. Bank Scotland, Limited, London or New York.	Renewal Bonds..... (Includes $1,700,000.00 Water Works Renewal Bonds.)	*2,497,487 80
					Due 1912.			
Ord. 16685..	U. S. Gold or Sterling	Nov. 1, 1892...	4 per ct.	20	Nov. 1, 1912..	Nat. Bank Commerce, N. Y. or London	Renewal Bonds.....	1,155,000 00
					Due 1913.			
Ord. 17253..	Sterling or U. S. Gold	Oct. 2, 1893...	4 per ct.	20	Oct. 1, 1913...	Nat. Bank Scotland, Limited, London or New York.	Renewal Bonds.....	†1,250,690 50
					Due 1914.			
Ord. 17445..	U. S. Gold or Sterling	June 1, 1894..	4 per ct.	20	June 1, 1914..	Nat. Bank of Commerce, N. Y. or N. B. of Scotland, Limited, London.	Renewal Bonds..... (Includes $800,000.00 Water Works Renewal Bonds.)	2,000,000 00
					Due 1915.			
Ord. 18018..	U. S. Gold or Sterling	May 1, 1895...	3.65 pr ct.	20	May 1, 1915...	Nat. Bank of Commerce, N. Y. or N. B. of Scotland, Limited, London.	Renewal Bonds.....	975,000 00
					Due 1918.			
Ord. 19516..	U. S. Gold or Sterling	June 1, 1898..	3.5 pr ct.	20	June 1, 1918..	Nat. Bank of Commerce, N. Y. or N. B. of Scotland, Limited, London.	Renewal Bonds.....	593,000 00

*The amount of this issue is £513,200 Sterling, amounting, at the par of exchange—$4.8665—$2,497,487 80.
†The amount of this issue is £257,000 Sterling, amounting, at the par of exchange—$4.8665—$1,250,690 50.

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BONDED DEBT.—CONTINUED.

Authority of Issue.	How Payable.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Where Payable.	For What Purpose Issued.	Amount of Outstanding Principal.
					Due 1918.			
Ord. 14347..	U. S. Gold or Sterling	July 1, 1888...	4 per ct.	30	July 1, 1918...	Nat. Bank Commerce, N. Y. or London	Renewal Bonds.....	$1,985,000 00
					Due 1919.			
Ord. 15061..	U. S. Gold or Sterling	Aug. 1, 1889..	3½ pr ct.	30	Aug. 1, 1919..	Nat. Bank Commerce, N. Y. or London	Renewal Bonds.....	275,000 00
					Due 1920.			
Ord. 15367..	U. S. Gold or Sterling	June 2, 1890..	3½ pr ct.	30	June 2, 1920..	Nat. Bank Commerce, N. Y. or London	Renewal Bonds.....	13,000 00
					Due 1922.			
Ord. 20641..	U. S. Gold or Sterling	April 1, 1902..	3¼ pr ct.	20	April 1, 1922..	Nat. Bank Commerce, N. Y. or London	World's Fair.....	4,622,000 00
							Total outstanding.....	$22,539,278 20

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APPENDIX

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BONDED DEBT.—CONTINUED.

Authority of Issue.	How Payable.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Where Payable.	For What Purpose Issued.	Amount of Outstanding Principal.
					Due 1918.			
Ord. 14347..	U. S. Gold or Sterling	July 1, 1888...	4 per ct.	30	July 1, 1918...	Nat. Bank Commerce, N. Y. or London	Renewal Bonds.....	$1,985,000 00
					Due 1919.			
Ord. 15061..	U. S. Gold or Sterling	Aug. 1, 1889..	3½ pr ct.	30	Aug. 1, 1919..	Nat. Bank Commerce, N. Y. or London	Renewal Bonds.....	275,000 00
					Due 1920.			
Ord. 15367..	U. S. Gold or Sterling	June 2, 1890..	3½ pr ct.	30	June 2, 1920..	Nat. Bank Commerce, N. Y. or London	Renewal Bonds.....	12,000 00
					Due 1922.			
Ord. 20641..	U. S. Gold or Sterling	April 1, 1902..	3¼ pr ct.	20	April 1, 1922..	Nat. Bank Commerce, N. Y. or London	World's Fair.....	4,628,000 00
							Total outstanding.....	$22,539,278 30

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APPENDIX

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EXHIBIT No. 1.

COMPARATIVE STATEMENT OF TAXATION.

	VALUATIONS.					Rates for City Purposes on $100 Valuation.				Tax Levy as per Valuations and Rates Stated.
	Old Limits.	New Limits.	New Limits, sub. to increase under Sec. 2, Art V. of Charter.	Steamboats.	Total.	Old Limits	New Limits	N. L., Incr'sd Rate.	On Steamboats.	
1877	$163,256,980 00	$17,451,780 00	.....	.....	$179,708,760 00	$1 90	$0 50	.....	.....	$3,170,141 52
1878	159,354,840 00	14,416,400 00	.....	.....	173,771,240 00	1 75	50	.....	.....	2,860,701 70
1879	151,204,280 00	14,059,690 00	.....	.....	165,263,970 00	1 75	50	.....	.....	2,716,378 35
1880	145,925,640 00	14,124,440 00	.....	$ 700,360 00	160,750,440 00	1 75	50	.....	$0 10	2,625,021 26
1881	151,359,140 00	15,186,820 00	.....	890,640 00	167,336,600 00	1 75	50	.....	10	2,723,359 69
1882	174,176,430 00	16,586,176 00	.....	957,990 00	191,720,596 00	1 75	50	.....	10	3,121,976 86
1883	173,678,440 00	16,560,000 00	.....	1,284,050 00	191,522,490 00	1 75	50	.....	10	3,118,456 75
1884	189,328,790 00	20,852,730 00	.....	1,299,190 00	211,480,710 00	1 75	50	.....	10	3,418,816 66
1885	186,080,170 00	20,388,630 00	.....	1,107,200 00	207,526,000 00	1 75	50	.....	10	3,353,578 33
1886	189,204,650 00	16,226,020 00	$ 8,008,920 00	988,100 00	214,427,690 00	1 75	50	$1 00	10	3,499,163 52
1887	191,648,790 00	16,522,160 00	7,931,600 00	815,170 00	216,917,720 00	1 70	50	1 25	10	3,440,610 40
1888	195,615,530 00	13,086,270 00	15,318,400 00	720,270 00	224,740,470 00	1 50	90	1 40	10	3,367,132 97
1889	198,176,190 00	13,279,300 00	15,476,560 00	706,550 00	227,638,600 00	1 50	90	1 40	10	3,309,524 94
1890	209,564,300 00	15,896,240 00	19,712,030 00	662,280 00	245,834,850 00	1 50	90	1 50	10	3,532,873 39
1891	215,128,170 00	1,825,080 00	34,287,660 00	738,480 00	251,979,390 00	1 50	1 10	1 50	10	3,762,051 81
1892	231,056,550 00	1,875,000 00	46,833,840 00	706,780 00	280,522,170 00	1 40	1 00	1 40	10	3,912,497 24
1893	234,030,310 00	1,850,000 00	47,697,530 00	682,950 00	284,260,790 00	1 40	1 02	1 40	10	3,963,742 71
1894	250,908,820 00	1,970,690 00	57,363,990 00	639,850 00	310,883,350 00	1 40	1 02	1 40	10	4,336,560 22
1895	255,770,240 00	2,686,130 00	65,545,680 00	522,750 00	325,531,800 00	1 40	1 02	1 40	10	4,540,442 16
1896	262,407,120 00	2,988,040 00	75,148,300 00	483,160 00	341,026,560 00	1 40	1 02	1 40	10	4,756,736 99
1897	255,736,870 00	2,915,980 00	79,756,570 00	482,600 00	338,900,970 00	1 40	1 02	1 40	10	4,727,259 25
1898	351,513,250 00	2,996,800 00	.....	509,550 00	355,018,700 00	1 40	1 02	.....	10	4,952,253 61
1899	348,734,410 00	3,074,710 00	.....	419,430 00	352,228,550 00	1 30	92	.....	10	4,562,254 10
1900	354,686,540 00	3,197,940 00	.....	416,500 00	358,300,980 00	1 30	92	.....	10	4,640,762 57
1901	368,152,950 00	.....	.....	358,400 00	368,511,350 00	1 25	.....	.....	10	4,602,270 27
1902	388,409,910 00	.....	.....	291,350 00	388,701,260 00	1 30	.....	.....	10	5,049,620 18
1903	412,658,980 00	.....	.....	258,150 00	412,917,130 00	1 47	.....	.....	10	6,066,345 16
1904	428,238,440 00	.....	.....	271,900 00	428,510,340 00	1 47	.....	.....	10	6,295,376 97

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EXHIBIT No. 2.

COMPARATIVE STATEMENT OF THE BONDED AND FLOATING DEBTS.

FISCAL YEARS ENDING AS BELOW.	Bonded Debt.	FLOATING DEBT.		
		Gas Debt.	Deficiencies.	Total.
City, April 9, 1877 (County, August 31, 1876)	$23,067,000 00	$ 726,058 21	$21,243 83	$ 747,302 04
City, April 8, 1878 (County, assumed by City)	22,787,000 00	757,490 31	.....	757,490 31
April 7, 1879	22,614,000 00	788,922 41	.....	788,922 41
April 12, 1880	22,507,000 00	820,879 85	.....	820,879 85
April 11, 1881	22,417,000 00	933,469 69	2,506 12	935,975 81
April 10, 1882	22,311,000 00	986,837 09	.....	986,837 09
April 9, 1883	22,232,000 00	1,049,304 49	17,764 55	1,057,069 04
April 7, 1884	22,105,000 00	1,093,423 24	.....	1,093,423 24
April 13, 1885	22,016,000 00	1,147,831 24	.....	1,147,831 24
April 12, 1886	22,942,000 00	Funded	.....	.....
April 11, 1887	22,105,000 00	.....	.....	.....
April 9, 1888	22,045,000 00	.....	.....	.....
April 8, 1889	21,926,100 00	.....	.....	.....
April 7, 1890	21,873,100 00	.....	.....	.....
April 13, 1891	21,673,100 00	.....	.....	.....
April 11, 1892	21,524,680 28	.....	.....	.....
April 10, 1893	21,376,021 05	.....	.....	.....
April 9, 1894	21,196,711 55	.....	.....	.....
April 8, 1895	21,024,711 55	.....	.....	.....
April 13, 1896	20,647,711 55	.....	.....	.....
April 13, 1897	20,352,278 30	.....	.....	.....
April 11, 1898	19,732,278 30	.....	.....	.....
April 10, 1899	19,392,278 30	.....	.....	.....
April 9, 1900	18,916,278 30	.....	.....	.....
April 8, 1901	18,916,278 30	.....	.....	.....
April 7, 1902	18,916,278 30	.....	.....	.....
April 13, 1903	23,736,278 30	.....	.....	.....
April 11, 1904	23,539,278 30	.....	.....	.....

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EXHIBIT NO. 3.

COMPARATIVE STATEMENT OF CONDITION OF THE REVENUE FUNDS.

Fiscal Years Ending As Below.	Interest and Public Debt Revenue.		Sinking Fund.		Municipal Revenue.		Water Works Revenue.		Harbor Fund.	
	Surplus.	Overdraft.	Surplus.	Overdraft.	Surplus.	Overdraft.	Surplus.	Overdraft.	Surplus.	Overdraft.
April 9, 1877..	$186,829 39	.....	.....	.....	.....	$ 4,502 31	.....	$ 16,741 52	.....	.....
April 8, 1878..	44,549 47	.....	.....	.....	$257,831 03	.....	$ 3,880 11	.....	.....	.....
April 7, 1879..	146,980 90	.....	.....	.....	124,424 19	.....	52,527 77	.....	.....	.....
April 12, 1880..	162,099 59	.....	.....	.....	117,083 46	.....	16,434 90	.....	$11,848 63	.....
April 11, 1881..	69,919 84	.....	.....	.....	40,763 46	.....	.....	2,506 12	13,749 96	.....
April 10, 1882..	11,763 77	.....	$ 450 00	.....	44,687 90	.....	5,809 31	.....	15,273 84	.....
April 9, 1883..	30,510 65	.....	112 50	.....	.....	17,764 55	25,707 08	.....	3,351 07	.....
April 7, 1884..	20,496 44	.....	255 77	.....	32,052 55	.....	1,634 93	.....	2,180 95	.....
April 13, 1885..	46,697 42	.....	.....	.....	66,411 48	.....	5,839 05	.....	3,636 32	.....
April 12, 1886..	142,224 70	.....	10,676 80	.....	128,843 72	.....	186,671 25	.....	7,842 93	.....
April 11, 1887..	114,187 77	.....	.....	.....	132,377 99	.....	604,734 46	.....	22,589 81	.....
April 9, 1888..	254,066 22	.....	.....	.....	165,777 13	.....	766,091 83	.....	26,714 38	.....
April 8, 1889..	192,672 62	.....	.....	.....	204,616 90	.....	383,707 59	.....	9,335 36	.....
April 7, 1890..	206,099 28	.....	.....	.....	226,703 21	.....	126,102 86	.....	15,444 37	.....
April 13, 1891..	179,460 88	.....	.....	.....	96,739 51	.....	59,540 71	.....	24,207 09	.....
April 11, 1892..	188,846 24	.....	.....	.....	109,392 93	.....	75,505 96	.....	45,783 25	.....
April 10, 1893..	134,020 44	.....	18,703 79	.....	113,321 08	.....	94,743 49	.....	70,917 23	.....
April 9, 1894..	15,604 29	.....	21,407 15	.....	204,568 27	.....	22,175 18	.....	18,899 58	.....
April 8, 1895..	81,578 77	.....	164,066 62	.....	182,277 51	.....	71,973 94	.....	40,334 52	.....
April 13, 1896..	193,514 47	.....	84,598 17	.....	94,974 55	.....	342,271 64	.....	55,109 34	.....
April 12, 1897..	360,991 76	.....	99,748 36	.....	67,094 53	.....	282,325 82	.....	40,111 63	.....
April 11, 1898..	613,024 77	.....	2,186 51	.....	95,039 83	.....	454,266 77	.....	40,145 00	.....
April 10, 1899..	916,478 98	.....	.....	.....	74,634 80	.....	618,151 07	.....	34,849 58	.....
April 9, 1900..	956,032 20	.....	.....	.....	.....	121,746 66	920,864 30	.....	41,757 28	.....
April 8, 1901..	1,006,223 26	.....	232,275 13	.....	28,595 65	.....	995,693 91	.....	44,079 21	.....
April 7, 1902..	966,303 62	.....	653,865 85	.....	305,555 93	.....	1,541,431 85	.....	52,040 46	.....
April 13, 1903..	736,009 24	.....	1,080,056 57	.....	375,759 93	.....	1,826,240 99	.....	50,098 86	.....
April 11, 1904..	406,977 66	.....	1,497,047 29	.....	674,174 76	.....	2,020,332 48	.....	78,595 85	.....

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EXHIBIT No. 4.

COMPARATIVE STATEMENT OF RECEIPTS.

RECEIPTS.	Fiscal Year ending April 13, 1896.	Fiscal Year ending April 12, 1897.	Fiscal Year ending April 11, 1898.	Fiscal Year ending April 10, 1899.	Fiscal Year ending April 9, 1900.	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Interest and Public Debt Revenue—									
Current Taxes	$1,126,268 14	$1,158,385 25	$1,166,045 67	$1,231,280 82	$ 964,445 81	$ 992,169 92	$ 860,568 93	$1,121,305 93	$ 877,909 56
Delinquent Taxes	135,281 47	142,525 13	194,008 25	198,748 13	189,840 62	166,660 09	176,111 49	155,649 78	111,344 11
Total Interest and Public Debt Revenue	$1,261,549 61	$1,300,910 38	$1,360,053 92	$1,430,028 95	$1,154,286 43	$1,158,830 01	$1,036,680 42	$1,276,955 71	$ 989,253 67
Municipal Revenue—									
Current Taxes	$2,751,477 58	$2,829,255 17	$2,847,865 64	$3,007,721 04	$3,140,986 60	$3,231,443 62	$3,304,989 87	$3,588,344 39	$4,823,448 10
Delinquent Taxes	325,460 51	346,123 41	473,082 99	483,641 36	463,414 32	470,991 43	532,472 09	525,160 27	379,044 61
Total Municipal Revenue	$3,076,938 09	$3,175,378 58	$3,320,948 63	$3,491,362 40	$3,604,400 92	$3,702,435 05	$3,837,461 96	$4,113,504 66	$5,202,492 71
Total Current Taxes	$3,877,745 72	$3,987,640 42	$4,013,911 31	$4,239,001 86	$4,105,432 41	$4,223,613 54	$4,165,558 80	$4,709,650 32	$5,701,357 66
Delinquent Taxes	460,741 98	488,648 54	667,091 24	682,389 49	653,254 94	637,651 52	708,583 58	680,810 05	490,388 72
Total Taxes	$4,338,487 70	$4,476,288 96	$4,681,002 55	$4,921,391 35	$4,758,687 35	$4,861,265 06	$4,874,142 38	$5,390,460 37	$6,191,746 38
Licenses—									
Auctioneers	$ 2,688 75	$ 2,776 50	$ 3,029 40	$ 3,062 03	$ 2,195 25	$ 2,605 50	$ 4,874 62	$ 4,165 00	$ 4,555 00
Banks, Brokers, Financial Agents	6,264 56	5,281 12	5,877 67	5,620 31	5,468 08	6,090 14	7,779 70	9,441 65	10,100 00
Bicycles	.....	.....	18,058 08	10,364 54	6,153 42	3,873 69	3,827 83	4,548 00	3,452 00
Billiards and Ten Pin Alleys	511 05	501 60	530 55	627 15	751 35	704 55	1,953 25	3,760 00	4,970 00
Bill Posters	19 20	28 80	48 15	38 85	19 20	28 80	30 00	20 00	80 00
City Weighers	120 00	48 38	96 00	72 38	72 38	48 38	75 00	75 00	100 00
Commission Merchants	14,407 82	12,431 34	13,241 21	14,216 39	13,980 52	14,162 01	14,311 87	16,625 00	18,163 00
Dogs	5,732 78	4,323 67	3,505 15	4,601 28	3,511 09	2,540 99	12,874 22	27,348 00	21,739 00
Dram-shops	935,559 59	947,293 35	968,870 96	957,668 27	974,071 34	1,001,573 05	1,051,968 69	1,125,827 01	121,489 72
Engravers	107 10	77 70	106 80	126 00	131 10	96 45	239 50	290 00	233 00
Flying Horses	103 88	136 20	195 00	39 00	97 50	58 20	59 00	180 00	180 00
Fortune Tellers and Clairvoyants	580 50	578 25	726 00	675 00	725 63	435 00	2,388 75	3,475 00	6,500 00

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Garbage Removers	422 40	211 20	264 80	556 80	595 20	614 40		740 00	760 00
Hotels and Boarding Houses	1,644 11	1,215 69	1,664 86	1,917 08	2,269 42	1,883 72	3,609 70	3,394 00	5,080 50
Hotel Runners	293 15	321 01	283 44	382 60	458 96	299 20	357 55	481 00	660 00
Insurance Companies and Agents	18,763 53	17,303 25	21,510 22	19,970 52	19,705 12	18,708 00	19,695 00	20,800 00	17,400 00
Insurance Companies—Foreign	18,041 04	17,968 67	.....	.....	36,685 72	.....	41,897 31	.....	51,087 35
Intelligence Offices	507 37	242 25	460 50	1,017 00	1,161 00	1,302 75	2,838 75	3,450 00	4,650 00
Junk Shops and Wagons	913 63	1,340 95	2,117 88	2,397 50	2,791 52	2,630 11	3,798 50	4,811 00	5,530 00
Lithographers	9 75	.....	19 50	.....	.....	.....	.....	.....	.....
Lumber Measurers	82 65	29 25	53 63	67 88	58 05	87 08	74 25	30 00	60 00
Manufacturers	119,793 81	112,281 32	115,459 68	130,634 43	139,555 18	163,408 82	189,818 30	207,061 75	228,041 60
Merchandise Brokers	4,693 50	3,870 75	5,457 83	6,899 02	7,324 57	7,915 08	10,738 75	8,750 00	8,825 00
Merchants	159,807 75	148,008 56	161,458 22	172,409 23	185,990 79	202,449 69	241,799 52	265,379 70	298,352 20
Mercantile Agencies	777 00	676 50	870 00	870 00	1,063 50	1,353 00	1,895 00	2,200 00	1,800 00
Midwives and Physicians	.....	.....	.....	.....	.....	.....	82 00	105 00	246 00
Milk Vendors	.....	.....	.....	.....	.....	.....	.....	2,097 00	3,962 00
Ordinaries	2,491 78	2,181 12	2,868 18	3,006 27	3,022 00	2,981 35	4,330 50	9,470 00	12,460 00
Pawnbrokers	3,672 00	3,870 00	4,254 00	5,031 00	5,412 00	5,220 00	6,265 00	6,400 00	9,000 00
Peddlers and Hawkers	13,978 13	8,876 29	12,559 65	10,101 51	10,744 72	9,601 07	12,096 20	16,438 95	18,724 75
Photographers	800 32	453 75	1,185 14	1,045 59	1,039 60	1,065 75	1,465 00	1,950 00	2,456 25
Railroad Ticket Brokers	870 00	1,018 50	768 57	831 28	1,028 44	756 28	752 50	800 00	775 00
Real Estate Agents	11,690 50	4,546 50	5,469 43	4,715 40	4,338 60	3,945 73	6,290 62	7,125 00	7,081 25
Sale Stables	1,164 00	.....	288 75	454 41	387 75	339 00	373 12	525 00	587 50
Shooting Galleries	72 47	24 09	30 28	24 09	36 19	66 28	168 60	256 25	306 25
Stock Yards	146 25	146 25	.....	290 25	.....	146 25	146 25	300 00	150 00
Street Railroads	18,082 88	18,311 25	19,263 75	23,600 25	22,251 00	20,572 50	24,750 00	24,750 00	.....
Theaters and Exhibitions	2,950 50	1,807 50	3,063 45	2,426 33	3,212 86	1,448 63	3,342 88	2,896 00	4,088 75
Vault Cleaners	487 50	390 00	390 00	487 50	292 50	195 00	875 00	300 00	300 00
Vehicles	37,545 33	24,667 45	39,066 83	38,295 94	42,216 71	36,159 10	70,490 15	56,909 25	85,197 00
Total Licenses	$1,385,796 57	$1,343,239 01	$1,413,213 56	$1,424,543 66	$1,498,818 26	$1,515,365 55	$1,749,122 88	$1,843,173 56	$2,052,463 12

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EXHIBIT No. 4.—Continued.

RECEIPTS.	Fiscal Year ending April 13, 1896.	Fiscal Year ending April 12, 1897.	Fiscal Year ending April 11, 1898.	Fiscal Year ending April 10, 1899.	Fiscal Year ending April 9, 1900.	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Miscellaneous Revenue and Incidental Collections—									
Abating Nuisances on Public Property	.....	.....	$ 50 00	.....	.....	.....	.....	.....	.....
Abstract Tax Books furnished State Auditor	$ 493 42	$ 516 76	513 38	$ 539 15	$ 533 34	$ 542 69	$ 557 88	$ 590 04	$ 629 36
Board of Police Commissioners—Collections	1,515 54	733 65	201 80	842 90	564 67	378 25	787 20	1,911 95	2,505 70
Board of Election Commissioners	.....	.....	.....	.....	.....	.....	.....	1,025 00	822 00
Board of Health—Permits	1,051 00	901 00	976 00	880 00	903 00	989 00	1,107 00	1,170 00	1,276 00
Board of patients at Institutions	7,628 41	7,917 25	7,939 30	9,400 59	8,619 94	7,946 30	7,520 08	6,889 90	14,450 54
Sale of effects of deceased persons	220 61	237 82	.....	247 59	204 23	55 00	281 22	95 40	237 27
Boiler and Elevator Inspections	13,953 00	13,202 00	13,849 00	12,681 00	14,314 00	14,144 00	13,874 00	12,748 00	14,560 00
Building Permits	9,802 00	5,591 00	10,008 00	8,128 00	8,554 50	8,987 00	14,240 00	16,106 00	18,416 50
Bonds and Contract Deposits forfeited	.....	.....	.....	.....	.....	.....	1,324 72	217 00	630 00
Collector of Revenue, for heat, light, services of janitor, furnished by City	.....	1,974 50	.....	.....	.....	.....	.....	.....	.....
Coroner—Unclaimed cash effects on the deceased	48 73	.....	.....	.....	.....	.....	.....	.....	85 37
Fees for Transcripts	.....	.....	24 50	17 10	.....	.....	55 30	.....	337 12
Court costs returned	.....	.....	.....	.....	64 90	465 00	186 95	130 95	780 55
Damages by street cars to wagons and horses	.....	.....	.....	.....	.....	.....	27 40	51 25	.....
Damages to water pipe	.....	.....	.....	.....	.....	.....	.....	.....	44 10
Drinking fountains, privilege to erect	500 00	75 00	.....	.....	.....	.....	125 00	.....	.....
Factory Inspector	.....	.....	.....	.....	.....	.....	3,830 00	3,652 00	3,023 00
Fees, certified copies of Ordinances and Records	113 05	92 25	118 75	118 50	65 75	63 25	62 10	65 85	118 70
Copies of Tax Bills and Maps of City Surveys	.....	.....	153 00	103 00	53 00	.....	12 00	9 00	26 00
For Revised Ordinances, sold by Register	125 00	40 00	.....	10 00	10 00	.....	45 00	65 00	10 00

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Fines, Fees and Commissions—												
Collectors, surplus commissions	304 38	302 12					32,307 15	27,550 03	27,692 84			
Clerk Circuit Court, surplus fees	2,204 01	36 83	110 74	107 95	54 92		10 68		51 67	58 33		
Clerk Court Criminal Correction, surplus fees	6,185 70	3,239 50	6,246 00	2,037 35	1,237 04	4,905 26	5,627 75		3,326 40	2,126 23		
Ordinary, sources, fines and fees	80,785 08	41,641 16	95,055 26	73,019 70	52,423 39	30,818 23						
Clerk Criminal Court, surplus fees	150 00									54 00		
Sheriff, surplus fees	2,296 09		2,209 42	5,096 73				1,814 60	1,320 15	1,726 43		
Justice of the Peace Courts, fines and fees	65,243 89	60,458 04	58,521 83	56,673 29	52,365 29	45,498 76	49,059 82	51,109 78	45,606 79			
Clerk Probate Court, fees				3,922 04	21,194 39	31,378 33	32,514 07	2,504 50				
Police Courts, fines and fees					17,801 25	8,245 50	16,477 25	27,526 00	50,971 25			
Clerk Police Court, fines and fees							52 50	7 50	41 00			
Work House Superintendent, fines and fees							2,569 95	5,355 30	8,756 30			
Clerk Circuit Court, fines and fees							12,637 12	17,102 60	19,785 53			
Clerk Court Criminal Correction, fines and fees							912 50	2,054 50	7,343 00			
Probate Court, jury fees							372 00	469 20	492 00			
Register's, notarial certificate fees							108 00	57 00	45 50			
Register's, licenses, City Collector's fees							2,236 63	2,349 33	2,436 38			
Register's, License Commissioner, fees							4,851 00	5,108 50	5,439 50			
Register's, back taxes, City Collector, fees							5,953 25	5,390 50	4,427 00			
Total Fines, Fees and Commissions	$ 157,169 15	$ 105,677 70	$ 162,142 25	$ 140,857 06	$ 145,076 28	$ 153,163 80	$ 162,726 47	$ 151,915 77	$ 149,309 37			
Franchises—												
Street Railroads	$ 48,514 19	$ 51,817 37	$ 51,808 50	$ 81,181 30	$ 75,780 97	$ 78,861 59	$ 98,063 79	$ 105,857 78	$ 112,112 76			
Electric Companies	3,121 56	18,059 71	5,009 88	5,154 23	13,278 23	20,453 50	59,249 14	58,563 20	86,519 59			
Telephone Companies	20,016 84	21,021 74	21,258 46	26,229 73	21,305 54	45,259 74	39,699 88	47,329 02	53,396 26			
Telegraph Companies						13 40	364 80	321 65	333 15			
Messenger Companies							14 60	14 60	14 60			
Steam Railway Companies	2,500 00	27,500 00	11,500 00	12,000 00	2,000 00	12,000 00	7,000 00	7,151 00	7,151 00			
Refrigerating, Cold Storage and Waters-Pierce Oil Company		321 81	334 68	876 39	736 15	672 67	727 10	5,219 65	1,913 38			
Total Franchises	$ 74,152 59	$ 118,720 63	$ 89,911 52	$ 125,441 65	$ 113,100 89	$ 157,260 90	$ 205,109 31	$ 224,456 90	$ 266,440 74			

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EXHIBIT No. 4.—Continued.

RECEIPTS.	Fiscal Year ending April 13, 1896.	Fiscal Year ending April 12, 1897.	Fiscal Year ending April 11, 1898.	Fiscal Year ending April 10, 1899.	Fiscal Year ending April 9, 1900.	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Garbage, cost for extra hauling, refunded					$ 6,179 40				$ 412 05
Harbor Boat, for use of Towing, etc						$ 273 00			
House of Refuge—									
Board of Inmates								$ 26 00	
Labor in Shoe and Chair Shops	$ 560 57	$ 77 81							
Sale of Stone		48 00							
Fumigating German Protestant Orphans' Home									250 00
House of Refuge Bakery			$ 497 52	$ 1,928 28	2,904 67	238 96	$ 3,204 60	142 18	
Insurance—									
Losses by fire					65 10	1,938 74	500 00	571 10	
Premium returned		1,187 71	41 20	227 40	1 87	46 95			
Interest—									
On Special Tax Bills, opening Streets	2,519 42	1,316 67	2,600 46	3,535 95	2,431 47	2,156 49	8,156 28	6,380 56	2,494 50
On Judgment, City vs. Carondelet E. L. & P. Co							396 46		
On Bonds sold				5,337 84					
On World's Fair Bonds								85,951 34	
On Current Deposits	55,197 80	69,127 84	94,282 76	76,066 17	86,590 94	92,023 38	124,249 23	161,278 55	187,786 25
Judgments									7 21
Jail Bills							1,953 88	1,797 20	1,235 67
Markets — Union, Soulard and South	31,545 22	28,609 04	30,738 26	30,307 25	28,680 50	29,764 75	30,828 20	32,420 74	32,546 42
National Bank of Commerce, returned								1,260 01	
Overpayments returned	279 87	530 30	278 31	140 58	216 53	314 06	355 42	295 99	771 49
Paid Coupon lost by Treas.		17 60							
Parks—Rent, sales of wood, etc., boat hire	1,175 51	1,001 98	2,262 39	3,303 07	3,104 67	2,536 86	1,327 15		516 87
Payments in consideration City quit-claim to quit title		1,269 35							
Poor House—									
Bakery profit	5,851 16	6,022 92	5,950 39	20 96	3,145 43	414 58	1,741 34	1,084 55	
Dairy profit	169 86	231 93			29 83	359 00			

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Rebate and unearned telephone charges returned	1 10		5 28					1 00	
Recorder of Deeds	54,061 40	45,867 90	46,573 30	41,412 95	41,209 96	39,486 40	45,320 20	52,154 54	54,279 10
Rents	4,556 33	3,761 39	6,885 50	3,761 88	4,110 92	1,981 79	6,731 90	4,088 02	3,940 79
Redemption of lands sold account non-payment of benefits opening Streets and Alleys	3 02	3 46	228 13				208 67	150 00	
Special Tax Bills bought by City	223 17	140 61	328 47	139 88	144 99			307 80	111 28
Sale of Condemned and Useless Property	3,281 25	7,747 96	3,460 40	5,459 24	4,554 66	17,041 71	3,283 70	15,316 93	39,246 07
Of Property in line of opening Streets	900 00	500 00	312 00		168 00	104 10	212 00	80 00	60 00
Of Real Estate and Real Estate Notes	17,468 00	1,142 45	24 00	3,487 68	200 00	103,177 85		10,000 00	5,175 00
Scales—City	6,704 80	4,842 05	4,362 85	3,792 85	4,457 75	4,289 35	3,856 65	3,681 90	3,243 55
Private	7,745 40	6,334 40	5,776 35	5,130 25	4,919 00	10,131 16	13,443 15	16,051 06	18,303 88
Sewers, cost removing Obstruction									1,800 00
State's Appropriation support of Insane	20,000 00	20,000 00	15,000 00	15,000 00	16,666 66				
Appropriation, rent, fuel, light for Court of Appeals		3,483 25	1,750 00	1,834 80		2,757 20		2,829 75	
Portion cost assessing Revenue	37,331 17	37,468 56	37,382 50	36,245 26	36,474 73	36,397 85	40,058 78	35,680 07	35,659 82
Street Improvements contributed by Property Owners	14,109 19	7,513 00	1,210 50	685 00	100 00	266 00	966 00		
Openings, Property Owners paid		653 00						648 03	
Reconstruction		54 00	591 00						
Title Investigators, costs for Street, returned	4 00								
Unclaimed amount on Pay Roll				90				29 65	
Weights and Measures, Inspector of	10,656 35	10,117 30	10,201 00	10,051 85	9,927 55	9,760 25	9,868 75	10,434 40	10,941 75
Refund of Dump Tickets by Sewer Department									27 35
Inspection of Gas Meter									13 00
Maintenance of Boys at Mo. Training School									375 00
Of Girls at Industrial School									106 75
Payment of Scrupulous Conscience									400 00
Total Miscellaneous and Incidental Revenue	$ 541,117 09	$ 514,750 04	$ 556,630 07	$ 547,136 58	$ 548,349 13	$ 699,455 62	$ 708,533 99	$ 813,761 38	$ 873,406 12

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EXHIBIT No. 4.—Continued.

RECEIPTS.	Fiscal Year ending April 13, 1896.	Fiscal Year ending April 12, 1897.	Fiscal Year ending April 11, 1898.	Fiscal Year ending April 10, 1899.	Fiscal Year ending April 9, 1900.	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Special Funds—									
Boulevards—Special Fund..	$ 2,784 20	$ 845 61	$ 183 58	$ 157 18	$ 49 85	$ 9 97	$ 21 98	$ '18 98	.....
Contract and other Deposits	674,750 86	615,024 03	860,946 18	661,544 32	424,084 28	557,191 93	599,913 34	269,415 07	$ 278,266 59
Changing Street Grades—Benefits	10,126 45	290 00	.....	.....	.....	.....	.....	.....	.....
Deposits to Pay Special Taxes	.....	.....	.....	.....	.....	.....	.....	146 70	1,203 84
Firemen's Pension Fund...	.....	.....	35 00	.....	.....	.....	.....	.....	.....
House of Refuge Bakery—Sale of bread to other City institutions, less transferred to Municipal Revenue	.....	.....	4,447 18	9,467 48	12,476 10	10,862 04	8,719 40	9,894 55	10,126 94
Pay Roll Account—Special Fund	1,677 38	1,000 87	1,215 37	1,344 90	954 43	5,768 78	7,923 56	3,288 13	6,233 73
Poor House Bakery—Sale of bread to other City Institutions, less transferred to Municipal Revenue....	24,367,96	25,204 78	30,032 86	22,040 02	23,396 25	21,771 89	24,362 50	25,784 55	27,691 22
Poor House Dairy—Sale of milk to other City Institutions, less transferred to Municipal Revenue...	2,799 36	2,139 55	1,641 98	1,470 06	1,337 03	236 74	.....	.....	.....
Opening Streets — Special Fund contributed by Property Owners.....	150,178 60	167,364 35	162,994 67	66,081 49	76,805 35	40,830 01	285,734 49	98,777 40	58,127 20
Public Library — Special Fund	61,929 51	64,663 32	67,638 45	71,340 13	73,781 47	75,727 18	149,321 24	166,554 50	173,064 63
Redemption of Lands sold for Taxes.....	.....	.....	.....	.....	.....	.....	300 92	125 90	.....
Street Sprinkling — Special Fund	119,334 37	98,253 36	99,508 35	135,847 40	109,542 85	153,123 78	129,985 76	223,552 02	194,280 72
State University—Scholarship Fund	2,879 01	2,608 65	1,488 39	.....	.....	.....	.....	.....	.....
State University Scholarship—Income account...	312 00	96 72	239 08	255 50	255 50	255 50	255 51	255 50	255 50
Unclaimed Allowances on Estates	.....	.....	.....	.....	.....	6 00	262 87	.....	38 53
Water Works Extension—New work.....	.....	.....	12 00	.....	.....	.....	.....	.....	.....

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Witness and other Fees—Special Fund	4,702 61	2,562 41	3,619 07	2,782 60	1,887 65	746 38	723 35	1,181 76	2,729 92
Criminal Cases — Special Fund	.....	.....	.....	.....	46,004 80	3,647 19	71,008 46	38,577 08	47,131 00
Total Special Fund	$1,055,842 31	$ 980,053 65	$1,233,997 16	$ 972,331 08	$ 770,575 56	$ 870,177 39	$ 1,278,533 38	$ 837,572 14	$ 799,149 82
Water Works Revenue—									
Water Licenses	$1,297,161 75	$1,325,623 75	$1,379,064 50	$ 1,371,179 00	$ 1,474,814 00	$ 1,599,959 50	$ 1,748,001 00	$ 1,738,230 50	$ 1,697,863 10
Permits and Taps	11,623 85	8,763 80	8,143 95	6,874 95	6,432 35	5,770 05	7,227 55	8,790 00	8,215 80
Connections, etc	1,626 85	1,247 65	1,356 00	1,307 45	1,507 45	1,439 27	1,337 35	1,520 71	1,494 85
Total Water Works Revenue	$1,310,412 45	$1,335,635 20	$1,388,564 45	$ 1,379,361 40	$ 1,482,253 80	$ 1,607,168 82	$ 1,756,565 90	$ 1,748,541 21	$ 1,707,573 75
Harbor Fund—									
Wharfage Rents	$ 65,233 53	$ 64,535 31	$ 63,319 43	$ 56,298 34	$ 61,029 79	$ 60,484 71	$ 65,181 65	$ 82,182 76	$ 82,827 97
Proceeds of Sale of Renewal Bonds	$1,005,712 50	.....	.....	$ 1,335,110 21	.....	.....	.....	.....	.....
Proceeds of World's Fair Bonds	.....	.....	.....	.....	.....	.....	.....	$ 5,000,000 00	.....
Balance in Treasury at beginning of the Fiscal Year	$2,338,799 79	$2,463,075 08	$2,702,081 10	$ 2,923,873 03	$ 3,682,211 81	$ 3,781,721 16	$ 4,442,531 73	$ 5,388,361 31	$ 6,292,592 62
Interest and Public Debt Revenue	$1,316,747 41	$1,370,055 82	$1,454,336 68	$ 1,511,432 96	$ 1,240,877 37	$ 1,250,853 39	$ 1,160,929 65	$ 1,276,955 71	$ 989,253 67
Municipal Revenue	4,908,984 70	4,946,063 35	5,187,078 83	5,372,996 94	5,557,401 50	5,706,811 63	6,163,596 74	6,720,921 33	8,096,353 19
Water Works Revenue	1,312,378 31	1,338,828 88	1,389,646 91	1,382,329 47	1,483,352 81	1,620,860 64	1,757,906 82	1,759,428 38	1,739,436 20
Harbor Fund	65,356 71	64,573 63	63,418 23	56,340 51	61,126 72	60,757 71	65,201 65	82,380 78	82,968 28
Total Revenue Fund	$7,603,467 13	$7,719,521 68	$8,094,480 65	$ 8,323,099 88	$ 8,342,758 40	$ 8,639,283 37	$ 9,147,634 86	$ 9,839,681 20	$10,908,011 34
Special Funds and Accounts	2,099,135 02	994,980 49	1,242,246 57	2,313,072 16	776,955 49	974,633 78	1,284,445 32	5,876,010 22	799,155 82
Total Receipts	$9,702,602 15	$8,714,502 17	$9,336,727 22	$10,636,172 04	$ 9,119,713 89	$ 9,613,917 15	$10,432,080 18	$15,715,691 42	$11,707,167 16

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EXHIBIT No. 5.

COMPARATIVE STATEMENT OF EXPENDITURES.

DISBURSEMENTS.	Fiscal Year ending April 13, 1896.	Fiscal Year ending April 12, 1897.	Fiscal Year ending April 11, 1898.	Fiscal Year ending April 10, 1899.	Fiscal Year ending April 9, 1900.	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Interest and Public Debt Revenue—									
Interest (including expenses), Bonded Debt.....	$ 933,180 95	$ 889,331 40	$ 877,561 85	$ 840,403 03	$ 802,209 28	$ 778,409 28	$ 778,409 28	$ 940,909 28	$ 928,656 78
Total.....	$ 933,180 95	$ 889,331 40	$ 877,561 85	$ 840,403 03	$ 802,209 28	$ 778,409 28	$ 778,409 28	$ 940,909 28	$ 928,656 78
Municipal Revenue—Bonds—									
Expenses connected with Bonded Debt.....	$ 4,811 71	$ 2,578 53	$ 2,303 67	$ 7,978 75	$ 1,324 15	$ 662 33	$ 849 29	$ 911 44	$ 3,403 40
Expenses connected with World's Fair Bonds.....	.....	.....	.....	.....	.....	.....	.....	8,915 03	.....
Total.....	$ 4,811 71	$ 2,578 53	$ 2,303 67	$ 7,978 75	$ 1,324 15	$ 662 33	$ 849 29	$ 9,826 47	$ 3,403 40
Coroner and Morgue—									
Coroner	$ 15,875 56	$ 17,349 97	$ 19,623 91	$ 21,004 16	$ 18,356 17	$ 18,124 94	$ 20,015 76	$ 20,743 26	$ 22,420 35
Morgue	4,836 89	4,926 35	6,301 28	6,278 41	6,387 41	5,907 99	6,703 00	5,495 37	4,383 82
Total.....	$ 20,712 45	$ 22,276 32	$ 25,925 19	$ 27,282 57	$ 24,743 58	$ 24,032 93	$ 26,718 76	$ 26,238 63	$ 26,804 17

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1 Year ding 11 12, 97.	Fiscal Year ending April 11, 1898.	Fiscal Year ending April 10, 1899.	Fiscal Year ending April 9, 1900.	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
3,385 25	$ 1,166,045 67	$ 1,231,280 82	$ 964,445 81	$ 992,169 92	$ 860,568 93	$ 1,121,305 93	$ 877,909 56
2,525 13	194,008 25	198,748 13	189,840 62	166,660 09	176,111 49	155,649 78	111,344 11
9,127 84	94,282 76	76,066 17	86,590 94	92,023 38	124,249 23	.....	.....
.....	.....	5,337 84	.....	.....	.....	.....	.....
17 60	.....	.....	.....	.....	.....	.....	.....
0,055 82	$ 1,454,336 68	$ 1,511,432 96	$ 1,240,877 37	$ 1,250,853 39	$ 1,160,929 65	$ 1,276,955 71	$ 989,253 67
9,255 17	$ 2,847,365 64	$ 3,007,721 04	$ 3,140,986 60	$ 3,231,443 62	$ 3,304,989 87	$ 3,588,344 39	$ 4,823,448 10
5,123 41	473,082 99	483,641 36	463,414 32	470,991 43	532,472 09	525,160 27	379,044 61
3,239 01	1,413,213 56	1,424,543 08	1,498,818 26	1,515,365 55	1,749,122 88	1,843,173 56	2,052,463 12
3,720 63	89,911 52	125,441 65	113,100 89	157,260 90	205,109 31	224,456 90	266,440 74
.....	.....	.....	.....	.....	.....	161,278 55	187,786 25
302 12	.....	.....	.....	32,307 15	27,550 03	27,692 84	.....
0,458 04	58,521 83	56,673 29	52,365 29	45,498 76	49,059 82	51,109 78	45,606 79
.....	.....	.....	17,801 25	8,245 50	16,477 25	27,526 00	50,971 25
4,917 54	103,620 42	84,183 77	74,909 74	67,112 39	69,639 37	45,587 15	52,731 33
3,202 00	13,849 00	12,681 00	14,314 00	14,144 00	13,874 00	12,748 00	14,560 00
5,591 00	10,008 00	8,128 00	8,554 50	8,987 00	14,240 00	16,106 00	18,416 50
3,609 04	30,738 26	30,307 25	28,680 50	29,764 75	30,828 20	32,420 74	32,546 42
5,867 90	46,573 30	41,412 95	41,209 96	39,486 40	45,320 20	52,154 54	54,279 10
3,761 39	6,885 50	3,761 88	4,110 92	1,981 79	6,731 90	4,088 02	3,940 79
1,176 45	10,139 20	9,923 10	9,376 75	14,420 51	17,299 80	19,732 96	21,547 43
7,468 56	37,382 50	36,245 26	36,474 73	36,397 85	40,058 78	35,630 07	35,659 82
0,117 30	10,201 00	10,051 85	9,927 55	9,760 25	9,868 75	10,434 40	10,941 75
1,142 45	24 00	3,487 68	200 00	.....	.....	10,000 00	5,175 00
9,056 07	8,915 30	10,942 88	9,727 17	8,935 30	7,520 08	6,889 90	14,450 54
7,055 27	26,146 81	23,850 90	33,429 07	14,708 48	23,434 41	26,337 26	26,343 65
3,063 35	$ 5,187,078 83	$ 5,372,996 94	$ 5,557,401 50	$ 5,706,811 63	$ 6,163,596 74	$ 6,720,921 33	$ 8,096,353 19
5,024 03	$ 860,946 18	$ 661,544 32	$ 424,084 28	$ 557,191 93	$ 599,913 34	$ 269,415 07	$ 278,266 59
5,029 62	373,050 98	310,786 76	346,491 28	312,985 46	678,620 04	568,157 07	520,883 23
1,926 84	8,249 41	5,630 87	6,379 93	104,456 39	5,911 94	38,438 08	6 00
.....	.....	1,335,110 21	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	5,000,000 00	.....
1,980 49	$ 1,242,246 57	$ 2,313,072 16	$ 776,955 49	$ 974,633 78	$ 1,284,445 32	$ 5,876,010 22	$ 799,155 82
5,635 20	$ 1,388,564 45	$ 1,379,361 40	$ 1,482,253 80	$ 1,607,168 82	$ 1,756,565 90	$ 1,748,541 21	$ 1,707,573 75
3,193 68	1,082 46	2,968 07	1,099 01	13,691 82	1,340 92	11,082 17	31,862 45
3,828 88	$ 1,389,646 91	$ 1,382,329 47	$ 1,483,352 81	$ 1,620,860 64	$ 1,757,906 82	$ 1,759,423 38	$ 1,739,436 20
4,535 31	$ 63,319 43	$ 56,298 34	$ 61,029 79	$ 60,484 71	$ 65,181 65	$ 82,182 76	$ 82,827 97
38 32	98 80	158 17	96 93	273 00	20 00	198 02	140 31
4,573 63	$ 63,418 23	$ 56,340 51	$ 61,126 72	$ 60,757 71	$ 65,201 65	$ 82,380 78	$ 82,968 28
4,502 17	$ 9,336,727 22	$10,636,172 04	$ 9,119,713 89	$ 9,613,917 15	$10,432,080 18	$15,715,691 42	$11,707,167 16
3,075 08	2,702,081 10	2,923,873 03	3,682,211 81	3,781,721 16	4,442,531 73	5,388,361 31	6,292,592 62
7,577 25	$12,038,808 32	$13,560,045 07	$12,801,925 70	$13,395,638 31	$14,874,611 91	$21,104,052 73	$17,999,759 78

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Courts, and Expenses Incident Thereto—										
Costs and legal expenses payable from Municipal Revenue	$ 37,157 38	$ 40,429 15	$ 43,296 30	$ 32,970 04	$ 34,066 15	$ 36,802 12	$ 35,367 65	$ 39,731 93	$ 39,577 43	
Courts	206,697 21	208,777 06	218,425 01	209,663 23	240,128 22	248,983 03	236,179 59	232,685 46	263,602 60	
Jury Commissioner	20,825 89	9,380 93	22,797 00	9,777 76	19,972 89	9,436 58	19,893 96	9,281 93	19,656 58	
Jury and Witness Fees	55,320 00	57,613 00	70,014 20	62,644 30	55,112 22	39,744 98	42,292 90	40,063 60	56,999 80	
Law Department	13,389 45	13,869 91	14,639 17	17,421 32	17,534 52	17,444 75	17,170 77	18,896 03	20,258 58	
Marshal's Office	20,310 40	21,543 99	22,653 41	22,764 24	23,036 48	23,637 32	23,909 41	25,955 82	28,200 01	
Total	$ 353,700 33	$ 351,614 04	$ 391,825 09	$ 355,240 89	$ 389,850 48	$ 376,048 78	$ 374,814 28	$ 366,614 77	$ 428,295 00	
Departments where Fees of the Office Pay all Expenses—										
Board of Engineers and Boiler Inspector	$ 10,329 95	$ 11,583 42	$ 11,242 58	$ 11,495 61	$ 11,442 90	$ 12,006 88	$ 11,853 04	$ 11,334 68	$ 12,232 62	
Inspector of Weights and Measures	7,838 45	7,753 37	7,897 44	7,983 19	8,196 20	7,880 26	8,084 24	7,732 45	8,148 94	
Recorder of Deeds	50,562 48	46,210 08	48,536 94	44,429 73	45,735 39	47,012 47	45,801 51	47,123 53	50,368 74	
Total	$ 68,730 88	$ 65,546 87	$ 67,676 96	$ 63,908 53	$ 65,374 49	$ 66,899 61	$ 65,738 79	$ 66,190 66	$ 70,750 30	
Fire Department and Fire Alarm Telegraph—										
Fire Alarm Telegraph	$ 59,506 84	$ 79,550 18	$ 62,961 63	$ 57,176 15	$ 56,505 83	$ 46,965 51	$ 59,087 18	$ 67,143 76	$ 69,230 56	
Fire Department	626,413 63	643,618 85	665,343 37	685,147 15	680,903 16	665,317 36	706,314 44	737,490 63	783,783 45	
Construction of Engine Houses and Purchase of Lots	33,743 05	13,042 15	14,818 00	5,761 00	.....	.....	6,295 52	10,434 34	126,368 54	
Fire Alarm Telegraph, Laying Wires Underground	.....	.....	.....	36,191 35	36,422 54	25,883 76	.....	.....	.....	
Firemen's Pension Fund	7,058 05	6,838 78	6,661 35	7,066 07	7,122 71	7,310 66	7,576 83	8,535 71	9,215 30	
Total	$ 726,721 57	$ 743,049 96	$ 749,784 35	$ 791,341 72	$ 780,954 24	$ 745,477 29	$ 779,273 97	$ 823,604 44	$ 988,597 85	

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EXHIBIT No. 5.—Continued.

DISBURSEMENTS.	Fiscal Year ending April 13, 1896.	Fiscal Year ending April 12, 1897.	Fiscal Year ending April 11, 1898.	Fiscal Year ending April 10, 1899.	Fiscal Year ending April 9, 1900.	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Health Department, including Improvements—									
Abating Nuisances	$ 605 75	.....	.....	$ 8 00	.....	.....	.....	.....	.....
Board of Health, Commissioners	92,542 93	$ 84,372 02	$ 84,633 42	$ 89,824 86	$ 116,529 62	$ 108,895 87	$ 107,099 45	$ 122,534 09	$ 120,083 92
City Dispensary	42,052 23	46,728 78	42,999 04	45,724 54	47,650 54	44,823 10	52,406 34	56,890 54	54,126 64
City Hospital	79,705 75	139,039 40	114,012 01	112,083 86	130,670 81	121,855 20	126,043 72	142,141 08	120,315 96
Female Hospital	42,229 09	59,357 21	57,702 19	56,080 46	61,752 56	55,012 84	60,155 55	71,127 51	60,192 64
Insane Asylum	81,821 41	90,470 23	102,011 09	97,915 66	132,212 03	110,058 25	119,414 45	128,904 95	137,999 88
Poor House	118,556 86	128,152 42	140,279 79	128,529 56	151,583 48	134,926 21	140,366 81	150,601 14	181,737 83
Quarantine and Small-pox Hospital	18,212 52	10,483 42	12,846 62	8,682 40	17,671 22	19,241 23	47,825 20	53,088 62	22,950 78
Reduction of Garbage	67,495 34	65,689 48	65,700 00	65,700 00	65,700 00	65,700 00	127,325 00	129,999 96	86,666 64
Removal of Garbage	85,950 81	98,749 82	94,401 86	85,492 17	114,338 34	127,200 00	89,788 86	127,200 00	84,800 00
Tetanus Investigation	.....	.....	.....	.....	.....	.....	.....	426 30	.....
New City Hospital—Special	.....	.....	.....	.....	.....	4,896 65	97,761 13	144,505 04	89,700 28
Emergency Hospital No. 2	.....	.....	.....	.....	.....	.....	.....	.....	45,364 91
Purchase, Emergency Hospital No. 2	.....	.....	.....	.....	.....	.....	.....	.....	44,666 65
Improvements, Emergency Hospital No. 2	.....	.....	.....	.....	.....	.....	.....	.....	5,751 25
Poor House Bakery—Special	24,367 96	25,204 78	30,032 86	22,040 02	23,396 25	21,771 89	24,362 50	25,784 55	25,835 85
Poor House Dairy—Special	2,799 36	2,139 55	1,641 98	1,470 06	1,337 03	236 74	.....	.....	.....
Total	$ 656,340 01	$ 750,387 11	$ 746,260 86	$ 713,551 59	$ 862,841 88	$ 814,617 98	$ 992,549 01	$ 1,153,203 78	$ 1,080,193 23
House of Refuge, Jail and Work House, including Improvements—									
House of Refuge	$ 47,283 27	$ 48,033 38	$ 56,465 79	$ 59,997 70	$ 68,227 77	$ 73,522 57	$ 66,613 85	$ 59,592 49	$ 55,666 54
Jail	38,052 70	29,319 09	36,038 67	47,248 94	42,826 04	40,435 08	42,287 71	42,489 77	41,148 39
Work House	56,132 28	57,579 37	61,177 52	65,334 56	73,760 64	70,354 75	71,396 09	68,013 18	63,410 60
House of Refuge Bakery—Special	.....	.....	4,447 18	9,467 48	12,476 10	10,862 04	8,719 40	9,894 55	10,112 78
Total	$ 141,468 25	$ 134,931 84	$ 158,129 16	$ 182,048 68	$ 197,290 55	$ 195,174 44	$ 188,967 05	$ 179,989 99	$ 170,338 31

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Lighting City and Public Buildings—																				
Gas Light	$	86,497	56	$	88,875	37	$	40,279	16	$	42,985	28	$	44,692	55	$	44,913	30	$	46,436	33	$	51,737	23	$	52,417	94
Gasoline Lamps — Maintaining		4,703	56		4,617	39		4,669	35		391	44														
Electric Light		236,021	01		236,631	74		283,273	99		296,835	37		296,733	92		372,385	36		448,909	89		467,463	34		492,103	13
Welsbach Lamps — Maintaining											4,094	06		4,597	59		5,886	59		6,733	27		6,949	60		7,238	77
Lighting Public Buildings		55,401	70		55,954	05		61,426	34		66,059	94		71,370	30		91,304	85		83,820	77		66,297	89		72,824	10
Total	$	332,623	83	$	336,078	55	$	389,648	84	$	410,366	09	$	417,394	36	$	514,490	10	$	585,900	26	$	592,448	06	$	624,083	94
Police—																										
Salaries of Members of the Board, Officers, Patrolmen and Detectives	$	793,907	93	$	827,426	19	$	807,309	82	$	806,748	07	$	1,149,739	89	$	1,385,538	14	$	1,361,976	37	$	1,349,960	97	$	1,378,634	24
All other Salaries and Current Expenses		125,749	24		142,774	85		143,085	57		144,581	31		141,513	25		188,211	27		259,144	28		197,747	37		199,764	27
Patrol Wagon System—Extension and Betterment														1,500	00		24,409	28		1,941	11		5,805	40			
Erection of Station Houses and Purchase of Lots					7,739	00								4,499	58		22,823	58		4,173	45						
Pension Fund		12,383	68								1,500	00														
Total	$	932,040	85	$	977,940	04	$	950,395	39	$	952,829	38	$	1,297,252	72	$	1,620,982	27	$	1,627,235	21	$	1,553,513	74	$	1,578,398	51
Public Buildings, including Improvements, Repairs, Salaries and Expenses—																										
Old City Hall—Salaries and Current Expenses	$	11,869	40	$	12,219	70	$	11,650	27	$	3,066	62	$	629	50	$	637	84	$	664	42	$	749	33	$	787	69
Old City Hall—Repairs and Alterations		1,379	42		1,914	29		824	59		309	70		321	71		469	57		568	98		1,404	51		1,646	34
New City Hall — Salaries and Current Expenses		2,023	42		6,849	79		7,985	41		21,934	19		24,072	79		20,407	88		23,309	26		22,161	67		27,054	96
Erection		53,280	56		160,098	33		215,168	20		104,874	03		45,645	54		11,583	00		3,376	67		11,975	49		57,648	85
Furnishing, Repairs and Alterations		1	00		11,949	05		7,295	10		3,899	03		15,710	10		2,618	15		4,323	94		12,034	65		12,054	22
Court House—Salaries and Current Expenses		9,967	17		9,983	35		9,714	04		9,783	41		10,351	16		9,265	48		9,389	52		9,292	35		8,931	06
Court House—Repairs and Alterations		3,798	82		5,468	81		2,129	36		2,980	30		1,763	99		755	15		1,265	93		2,391	79		15,904	94
Four Courts—Salaries and Current Expenses		12,235	80		12,952	78		11,880	74		11,977	30		16,574	27		13,427	43		12,702	43		12,861	51		13,814	75
Four Courts—Repairs and Alterations		3,527	80		2,968	59		2,509	04		3,913	92		1,920	11		2,357	55		982	51		5,880	07		3,942	28
Repairs, Public Buildings		17,306	28		20,229	22																				
Total	$	115,389	67	$	244,633	91	$	269,156	75	$	162,738	50	$	116,989	17	$	61,522	05	$	56,583	66	$	78,751	37	$	141,785	09

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EXHIBIT No. 5.—Continued.

DISBURSEMENTS.	Fiscal Year ending April 13, 1896.	Fiscal Year ending April 12, 1897.	Fiscal Year ending April 11, 1898.	Fiscal Year ending April 10, 1899.	Fiscal Year ending April 9, 1900.	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Public Improvements, Salaries, Current Expenses and Repairs—									
Board of Public Improvements, President's Department	$ 47,668 24	$ 64,155 28	$ 63,339 37	$ 58,112 23	$ 48,958 43	$ 43,863 99	$ 48,660 08	$ 54,906 22	$ 57,188 77
Fund for Numbering Houses	2,951 53	2,472 95	2,159 65	1,894 62	1,917 25	1,000 00	1,489 99	1,809 85	1,849 80
Total	$ 50,619 77	$ 66,628 23	$ 65,499 02	$ 60,006 85	$ 50,875 68	$ 44,863 99	$ 50,150 07	$ 56,716 07	$ 59,038 57
Parks—									
Park Commissioner	$ 8,298 65	$ 8,199 50	$ 8,090 88	$ 9,129 84	$ 9,288 28	$ 8,199 68	$ 8,895 47	$ 9,168 95	$ 9,569 01
Benton Park	3,389 27	4,621 06	2,994 06	4,039 80	3,496 58	2,491 67	2,495 88	2,478 63	2,655 11
Carondelet Park	4,499 08	5,652 05	7,461 56	8,408 12	9,079 34	5,676 98	4,494 64	5,843 56	9,295 52
Carr Square	999 96	1,170 82	1,005 05	1,081 12	3,082 92	1,395 21	1,399 45	3,019 26	2,375 43
Forest Park	42,435 32	48,651 59	51,367 32	50,608 22	55,706 36	40,829 34	47,402 43	51,533 37	55,525 62
Forest Park Boulevard	306 00	.....	.....	.....	277 75	298 62	210 12	167 12	2,608 97
Fountain Park	499 25	544 25	567 69	499 47	605 96	591 84	577 30	672 06	1,387 72
Gamble Place	678 53	639 80	642 15	679 71	664 23	1,274 08	695 65	688 95	836 63
Gravois Park	722 90	1,092 97	1,819 41	743 48	1,385 87	966 70	1,149 63	1,188 87	1,079 28
Hyde Park	2,751 93	3,885 11	3,069 11	4,095 26	4,052 81	2,174 27	2,189 50	2,499 31	2,498 98
Jackson Place	714 23	665 76	718 22	687 05	1,155 21	693 02	735 65	743 31	1,251 72
Kenrick Garden	.....	14 00	290 31	217 05	300 00	199 85	190 51	483 28	814 57
Laclede Park	796 09	923 25	1,091 07	1,111 72	1,158 88	1,006 99	899 59	998 90	999 91
Lafayette Park	6,683 25	18,027 53	7,050 70	6,920 14	7,885 18	7,985 83	5,573 35	6,000 00	6,000 00
O'Fallon Park	10,052 38	9,800 62	9,394 48	9,676 13	9,541 39	5,247 98	4,994 99	6,197 25	10,166 54
St. Louis Place	3,308 26	4,062 58	4,249 14	7,737 31	5,683 83	3,819 63	3,499 54	4,925 68	5,131 11
South St. Louis Square	764 88	771 46	698 65	808 26	793 08	792 15	726 29	803 56	787 31
Tower Grove Park	25,000 00	25,000 00	25,000 00	25,000 00	25,000 00	25,000 00	25,000 00	25,000 00	25,000 00
Washington Square	20,728 84	674 40	867 52	3,237 42	2,111 25	2,246 10	2,706 89	3,735 09	3,773 89
Lyon Park	1,500 00	1,709 21	1,502 20	1,976 69	1,615 22	1,896 84	1,532 74	1,631 05	1,682 55
Concerts in Public Parks	5,969 24	5,993 84	5,954 84	5,906 21	5,910 00	5,929 50	.....	3,982 00	5,786 00
Boulevard Maintaining	3,866 83	.....	.....	.....	.....	.....	.....	1,351 00	649 00
Total	$ 143,964 89	$ 142,099 80	$ 133,834 35	$ 142,563 00	$ 148,794 14	$ 118,716 28	$ 115,369 62	$ 133,111 20	$ 149,874 87

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Public Drinking Fountains			$	68	25	$	594	50				$	231	65						$	600	00
Sewers—																								
Salaries, Current Expenses and Repairs	$	73,046	36	$	90,651	75	$	128,431	46	$	79,336	70	$	90,346	16	$	100,232	57	$	97,839	07	$	135,076	69	$	139,449	83
Surveys, Printing of Maps		761	40		4,737	60		16	25															
Mill Creek Sewer Repairs											48,029	92		32,131	28									
Total	$	73,807	76	$	95,389	35	$	128,447	71	$	127,366	62	$	122,477	44	$	100,232	57	$	97,839	07	$	135,076	69	$	139,449	83
Streets—																								
Commissioner's Department	$	77,907	74	$	73,972	12	$	76,040	01	$	71,510	11	$	70,764	07	$	72,702	16	$	54,932	53	$	55,353	03	$	52,948	94
Bridges and Culverts—Miscellaneous Expenses and Repairs		29,442	48		28,360	10		36,377	18		36,343	80		40,451	66		34,050	88		33,828	16		41,311	74		45,628	64
Cleaning—Floating Dumps		15,892	78		10,648	69		10,643	60		12,633	33		14,058	33		9,112	51		10,893	26		9,954	54		9,739	74
Labor and Carts		149,428	12		142,346	99		112,515	81		114,948	95		114,723	55		56,983	80		19,999	08		109,999	32		268,354	50
Block System					24,815	75		26,978	75		29,907	25		29,995	84		11,998	50					67,482	87		98,988	40
Stone, Wood Blocks and Asphaltum Pavements		72,601	68		73,424	32		67,474	17		75,999	94		83,905	80		53,812	53		99,999	74		119,226	20		170,544	61
Grades and Surveys		11,567	85		11,692	98		11,835	31		10,399	30		10,151	02		7,499	63		9,964	51		9,997	90		9,969	92
Repairs — Macadam and other Material		136,896	10		102,761	04		64,986	98		100,257	17		124,746	81		29,942	90		36,366	48		73,228	70		156,498	73
Miscellaneous Expenses		144,940	40		118,020	70		123,532	64		113,319	31		118,168	76		69,187	70		41,865	02		60,668	73		85,851	80
Reconstructed Streets		38,524	79		39,622	97		40,923	35		51,516	30		38,706	96		37,109	54		52,033	97		81,404	90		98,238	26
Salaries		26,460	15		26,365	56		28,436	37		53,476	29		52,818	50		44,763	17		9,258	28		14,079	82		22,291	60
Special and Temporary Service		2,877	66		2,999	88		2,789	22		93,594	75		66,326	75		46,235	91		55,823	09		59,851	20		106,428	96
Sprinkling Streets (Ordinance)		2,500	00		1,958	00		2,500	00		904	00		1,000	00								13,495	76			
Street Opening Expenses		13,522	02		14,991	58		17,049	71		16,493	83		16,044	46		11,975	89		13,756	31					6,860	13
Changing Street Grades		150	00																								
Opening Streets—Damages—Special		164,185	73		188,928	41		181,160	91		53,419	06		76,249	84		39,755	94		475,538	33		64,607	65		51,184	39
Sprinkling Streets—Special		109,940	19		102,494	09		99,541	66		151,558	87		95,373	15		166,640	94		150,690	50		218,939	56		189,688	96
Signs for Street Names					11,022	15		4,768	78		208	69															
Total	$	996,837	69	$	974,425	33	$	907,554	45	$	986,490	95	$	953,485	50	$	691,772	00	$	1,064,949	26	$	999,601	92	$	1,373,217	58

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EXHIBIT No. 5.—Continued.

DISBURSEMENTS.	Fiscal Year ending April 13, 1896.	Fiscal Year ending April 12, 1897.	Fiscal Year ending April 11, 1898.	Fiscal Year ending April 10, 1899.	Fiscal Year ending April 9, 1900.	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Aggregate Public Improvements, Salaries, Expenses and Repairs	$1,017,441 46	$1,029,990 00	$1,011,141 47	$ 1,122,941 11	$ 1,126,446 31	$ 808,729 45	$ 760,107 27	$ 1,091,001 15	$ 1,519,239 05
Departments not Classified—									
Assessment of Revenue	$ 71,879 67	$ 73,059 86	$ 73,212 47	$ 73,111 57	$ 72,191 88	$ 73,492 44	$ 72,211 41	$ 71,363 93	$ 70,595 95
Commissioner of Public Buildings	18,095 79	20,203 15	20,919 78	20,561 41	20,964 03	17,083 77	20,818 32	24,917 35	31,545 24
Commissioner of Supplies	11,884 77	11,803 35	12,430 09	13,357 52	15,561 22	15,258 31	17,285 92	17,962 94	19,003 92
Milk Inspector	2,920 65	3,045 85	2,798 93	2,141 09	1,642 65	1,014 00	2,129 30	695 85	.....
Factory Inspector	.....	.....	.....	.....	.....	67 74	5,689 21	5,888 59	5,611 45
License Commissioner	.....	.....	29,555 10	33,709 75	32,059 32	30,128 36	33,941 16	35,728 22	36,091 17
Municipal Assembly	35,407 91	34,900 80	38,412 27	44,015 05	61,925 14	46,326 69	40,104 64	36,977 83	38,213 09
Plumbing Inspection Department	13,264 77	13,159 26	13,267 37	13,406 34	11,678 08	10,039 73	10,228 31	12,623 91	13,502 02
Salaries of Mayor, Comptroller, Auditor, Register and Treasurer	74,353 36	73,473 94	75,567 53	76,644 98	78,533 75	80,228 82	81,349 67	83,564 17	85,082 49
Smoke Abatement Department	.....	.....	.....	.....	.....	.....	4,396 14	7,756 93	7,425 85
Total	$ 227,806 92	$ 229,646 21	$ 266,163 54	$ 276,947 71	$ 294,556 07	$ 273,639 86	$ 288,154 08	$ 297,479 72	$ 307,071 18
Miscellaneous Expenses—									
Catching and Killing Dogs	$ 4,999 50	$ 4,999 50	$ 5,700 00	$ 4,999 50	$ 2,999 25	$ 6,000 00	$ 4,999 50	$ 4,999 50	$ 4,999 50
Contingent Fund	14,392 24	25,840 14	36,904 77	33,936 37	46,286 51	31,390 79	59,630 82	36,804 41	37,242 17
Election and Registration	23,873 00	119,328 23	108,661 49	119,893 85	75,165 17	94,963 63	165,463 56	108,207 16	116,959 61
Insurance	5,831 15	10,786 75	2,758 25	5,525 50	10,103 95	7,041 66	7,599 75	10,710 15	6,076 95
Judgments, payable from Municipal Revenue	23,391 33	3,895 77	20,352 84	3,180 44	13,878 19	3,453 17	12,376 98	148,822 45	70,877 28
Making Back Tax Books and Bills	3,476 98	3,676 66	3,741 53	4,527 78	4,450 50	3,500 00	3,756 78	2,700 00	3,000 00
Markets	6,722 10	7,821 73	10,184 18	9,369 15	8,667 20	6,578 77	6,675 27	7,058 69	7,304 08
Mayor's Contingent Fund	11,000 00	11,000 00	11,000 00	12,500 00	12,500 00	1,500 00	7,000 00	7,000 00	10,000 00

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Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer..	853 97	762 62	1,876 64	7,524 33	2,496 57	886 38	3,249 69	3,871 35	3,968 55
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer	17,887 90	14,856 05	22,416 54	21,652 28	20,845 22	30,654 98	32,576 03	22,998 74	24,177 38
Soulard Market Improvement	.....	990 00	3,387 00	.....	.....	.....	.....	.....	.....
Purchase of Excelsior Hauling & T. Co	.....	.....	.....	.....	.....	.....	.....	.....	51,092 00
Garbage Inventory Commission	.....	.....	.....	.....	.....	.....	.....	.....	2,400 00
Pay Roll Account	2,015 43	816 72	992 21	952 02	1,130 55	1,942 35	9,334 07	3,549 18	2,805 98
Real Estate Account	6,432 53	3,963 04	2,707 48	9,238 94	1,099 94	1,260 93	1,222 58	1,733 41	3,114 99
Refunding Water Licenses	.....	.....	.....	.....	.....	.....	.....	.....	6 00
Relief Ordinances	4,894 68	1,654 00	4,979 44	10,169 44	1,275 43	6,629 65	2,942 50	998 75	86,704 66
Scales	5,181 10	5,131 99	5,537 77	5,064 31	5,415 51	4,920 21	4,707 72	4,056 66	3,536 88
Scavenger Dumps, Salaries and Current Expenses	6,753 51	6,848 92	6,635 45	6,711 30	6,554 81	6,704 96	6,774 70	6,840 98	6,742 35
Scavenger Dumps, Repairs and Construction	8,207 34	1,245 77	1,489 42	1,982 18	3,046 39	3,253 15	2,478 87	2,974 04	2,995 72
Special Attorney's Fees, payable from Municipal Revenue	2,500 00	2,500 00	3,500 00	.....	.....	.....	.....	.....	.....
Special Tax Fund — New Work	6,590 73	3,242 86	2,058 25	7,122 74	80 27	1,090 18	5,128 79	2,280 52	62,105 05
State University Scholarship Fund	1,932 67	3,624 35	1,658 73	.....	.....	.....	.....	.....	.....
State University Scholarship Collection Account	78 00	51 45	60 00	.....	.....	.....	.....	.....	.....
Witness and other Fees and for Criminal Causes	572 52	457 55	535 27	377 95	20,230 50	5,806 74	29,018 61	22,310 58	22,005 00
Refunding Fees for Solemnizing Marriages	.....	.....	.....	.....	1,454 00	.....	.....	.....	.....
City Treasury Notes, Municipal Currency	.....	.....	.....	.....	.....	.....	288 75	8 00	7 00
Proceeds of Sales of Unclaimed Merchandise	.....	.....	.....	.....	.....	.....	6 79	.....	.....
Unclaimed Allowances on Estates	.....	.....	.....	.....	.....	.....	263 56	60 86	41 53
Deposits to pay Special Taxes	.....	.....	.....	.....	.....	.....	.....	146 70	1,203 84
Refunding Meat Shop Licenses	.....	267 75	41 70	50 00	.....	.....	.....	.....	.....
Total	$ 157,586 68	$ 233,761 85	$ 257,178 96	$ 264,778 08	$ 237,679 96	$ 217,577 55	$ 365,495 32	$ 397,632 13	$ 529,366 52

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EXHIBIT No. 5.—Continued.

DISBURSEMENTS.	Fiscal Year ending April 13, 1896.	Fiscal Year ending April 12, 1897.	Fiscal Year ending April 11, 1898.	Fiscal Year ending April 10, 1899.	Fiscal Year ending April 9, 1900.	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
Special Funds—									
Public Library	$ 94,431 41	$ 70,927 84	$ 86,483 89	$ 74,564 66	$ 72,943 03	$ 70,919 01	$ 91,214 80	$ 213,866 42	$ 181,585 18
Chicago Drainage Canal Litigation	.....	.....	.....	.....	4,751 64	27,993 24	23,323 33	3,716 77	6,195 33
Contract and Other Deposits	672,200 18	553,012 98	642,180 74	761,127 66	429,697 36	544,600 79	568,260 23	193,929 38	192,603 36
Retained Percentages	.....	.....	10,909 46	7,500 00	43,876 45	66,418 45	7,218 96	2,941 26	19,778 72
Total	$ 766,631 59	$ 623,940 82	$ 739,574 09	$ 843,192 32	$ 551,268 48	$ 709,931 49	$ 690,017 32	$ 414,453 83	$ 400,162 59
Public Improvements — New Work—									
Sewers—Construction	$ 121,998 87	$ 48,454 10	$ 24,458 62	$ 2,902 48	$ 14,699 83	$ 47,153 49	$ 3,589 67	$ 10,892 72	$ 167,910 92
Streets—									
Bridges and Culverts	3,267 66	9,314 84	6,922 40	1,182 45	.....	.....	1,057 00	28,980 75	12,668 36
Improvements	38,843 40	61,576 51	53,376 16	16,164 40	26,868 13	13,560 10	5,868 65	9,121 70	.....
Reconstruction	.....	2,485 38	373 12	2,713 84	78 70	625 29	1,407 47	695 93	.....
Water Works—									
Water Pipe and Laying	391,101 96	272,151 92	216,671 09	261,242 10	314,727 33	461,578 20	259,759 08	513,091 46	258,641 53
Extension	321,988 24	405,868 03	444,714 34	101,755 82	325,614 75	333,407 23	249,180 41	47,785 66	56,689 54
Reconstruction	34,491 40	.....	7,494 14	11,548 59	6,496 78	59,114 25	150,439 48	72,163 70	50,884 06
Electric Plant—Erected at Water Works	.....	.....	.....	.....	.....	.....	41,975 08	7,299 15	29,703 92
High Service and Low Service Engines	.....	.....	.....	.....	.....	.....	.....	.....	123,182 56
Sprinkling Plug System	.....	.....	.....	.....	.....	.....	.....	.....	9,647 28
Wharf Improvements	.....	12,747 34	3,644 82	8,713 84	898 25	.....	.....	.....	.....
Total	$ 911,691 53	$ 812,598 12	$ 757,554 69	$ 406,223 52	$ 688,883 77	$ 915,438 56	$ 713,276 84	$ 690,031 07	$ 709,278 17
Water Works—Operating Expenses and Collection of the Revenue—									
Assessor and Collector of Water Rates	$ 57,436 80	$ 57,118 75	$ 57,333 77	$ 59,095 89	$ 57,649 86	$ 60,238 40	$ 64,229 68	$ 65,083 24	$ 64,064 14
Water Works	425,740 51	446,247 74	455,473 19	471,988 79	511,860 42	542,477 32	562,583 17	591,022 40	614,810 71
Purifying Water Supply	.....	.....	.....	.....	.....	.....	23,400 96	1,599 04	74,557 15
Total	$ 483,177 31	$ 503,366 49	$ 512,806 96	$ 531,084 68	$ 569,510 28	$ 602,715 72	$ 650,213 81	$ 657,704 68	$ 753,432 00

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Harbor and Wharf—										
Cleaning Levee and Removing Obstructions...	$ 6,994 06	$ 6,432 87	$ 8,807 61	$ 9,089 50	$ 9,935 50	$ 11,042 44	$ 10,217 15	$ 9,856 80	$ 10,899 87
Salaries and Current Expenses	13,092 68	13,202 64	13,249 21	12,329 62	11,930 02	11,831 60	11,852 71	12,360 15	12,547 48
Harbor Boat	11,588 88	14,157 52	15,690 81	18,959 49	16,118 55	14,459 98	13,051 72	22,272 47	14,932 70
Repairs, Dike, Wharf and River Bank	19,449 88	24,768 26	22,951 41	19,351 62	16,999 25	21,975 82	22,906 52	9,883 06	13,111 49
Harbor and Wharf—Special Fund	.....	.....	.....	.....	.....	.....	.....	1,003 00	479 55
Total	$ 51,125 50	$ 58,561 29	$ 60,699 04	$ 59,730 23	$ 54,983 32	$ 59,309 84	$ 58,028 10	$ 55,375 48	$ 51,971 09
Bonds—Matured and Paid...	$1,352,000 00	$ 322,518 41	$ 593,000 00	$ 1,608,000 00	$ 476,000 00	.....	.....	.....	.....
Bonds, Redemption of—Special Fund	.....	.....	.....	.....	.....	.....	.....	$ 176,400 00	$ 191,090 00
Louisiana Purchase Exposition Company Bonds..	.....	.....	.....	.....	.....	.....	.....	$ 5,000,050 00	.....
Auditor's Warrants on hand at the beginning of Fiscal Year	$ 195,334 99	$ 116,375 19	$ 222,251 76	$ 158,891 89	$ 95,132 32	$ 179,667 32	$ 159,307 81	$ 241,816 02	$ 233,900 86
Interest and Public Debt Revenue	$ 937,992 66	$ 891,909 93	$ 879,865 52	$ 848,381 78	$ 803,533 43	$ 779,071 61	$ 779,258 57	$ 941,820 72	$ 932,060 18
Municipal Revenue	4,536,471 27	4,774,555 57	4,893,120 82	5,049,397 67	5,571,009 21	5,527,179 48	5,851,397 16	6,227,711 71	6,764,933 21
Water Works Revenue	529,817 00	546,684 97	557,312 36	571,084 67	609,138 17	661,169 18	654,068 34	681,744 82	697,732 42
Harbor Fund	51,125 50	58,561 29	60,699 04	59,730 23	54,983 32	59,309 84	58,028 10	55,375 48	51,971 09
Total Revenue Funds	$6,055,406 43	$6,271,711 76	$6,390 997 74	$ 6,528,594 35	$ 7,038,664 13	$ 7,026,730 11	$ 7,342,752 17	$ 7,906,652 73	$ 8,446,696 90
Special Funds and Accounts.	3,445,563 71	2,309,660 96	2,660,577 68	3,285,479 34	2,066,075 41	1,906,016 46	2,227,780 88	6,898,271 25	2,259,162 08
Total Warrants Drawn....	$9,500,970 14	$8,581,372 72	$9,051,575 42	$ 9,814,073 69	$ 9,104,739 54	$ 8,932,746 57	$ 9,570,533 05	$14,804,923 98	$10,705,858 98

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Year ing 12, 97.	Fiscal Year ending April 11, 1898.	Fiscal Year ending April 10, 1899.	Fiscal Year ending April 9, 1900.	Fiscal Year ending April 8, 1901.	Fiscal Year ending April 7, 1902.	Fiscal Year ending April 13, 1903.	Fiscal Year ending April 11, 1904.
In							
1,331 40	$ 877,561 85	$ 840,403 03	$ 802,209 28	$ 778,409 28	$ 778,409 28	$ 940,909 28	$ 932,060 18
1,578 53	2,303 67	7,978 75	1,324 15	662 33	849 29	911 44	.....
,909 93	$ 879,865 52	$ 848,381 78	$ 803,533 43	$ 779,071 61	$ 779,258 57	$ 941,820 72	$ 932,060 18
M							
1,276 32	$ 25,925 19	$ 27,282 57	$ 24,743 58	$ 24,032 93	$ 26,718 76	$ 26,238 63	$ 26,804 17
1,614 04	391,825 09	355,240 89	389,850 48	371,252 68	374,350 28	366,614 77	428,295 00
1,583 42	11,242 58	11,495 61	11,442 90	12,006 88	11,853 04	11,334 68	12,232 62
1,753 37	7,897 44	7,983 19	8,196 20	7,880 26	8,084 24	7,732 45	8,148 94
1,210 08	48,536 94	44,429 73	45,735 39	47,012 47	45,801 51	47,123 53	50,368 74
1,618 85	665,343 37	685,147 15	630,903 16	665,317 36	706,314 44	737,490 63	783,783 45
1,550 18	62,961 63	57,176 15	56,505 83	46,965 51	59,087 18	67,143 76	69,230 56
1,935 31	701,163 60	689,859 51	838,108 60	787,712 70	870,425 38	965,352 53	863,901 25
1,652 68	55,934 29	59,981 34	68,227 77	73,522 57	66,613 85	59,592 49	55,666 54
1,933 16	34,967 67	46,134 76	42,826 04	40,435 08	42,237 71	42,489 77	41,148 39
1,579 37	61,177 52	65,334 56	73,760 64	70,354 75	71,396 09	68,013 18	63,410 60
1,124 50	328,222 50	344,306 15	346,024 06	423,185 25	502,079 49	526,150 17	551,759 84
1,954 05	61,426 34	66,059 94	71,370 30	91,304 85	83,820 77	66,297 89	72,324 10
1,201 04	950,395 39	952,829 38	1,292,753 14	1,598,158 69	1,623,061 76	1,553,513 74	1,578,398 51
1,052 75	46,942 51	54,962 80	57,060 78	48,920 49	50,807 14	61,225 93	82,233 71
1,155 28	63,339 37	58,112 23	48,542 93	43,863 99	48,660 08	54,906 22	57,188 77
1,472 95	2,159 65	1,894 62	1,917 25	1,000 00	1,489 99	1,809 85	1,849 80
1,952 41	127,368 12	138,022 42	148,794 14	118,716 28	115,369 62	127,778 20	136,435 33
1,651 75	128,431 46	79,336 70	90,346 16	100,232 57	97,839 07	135,076 69	139,449 83
1,980 68	622,083 10	781,304 33	781,862 51	485,375 12	438,720 43	716,054 71	1,132,344 23
1,059 86	73,212 47	73,111 57	72,191 88	73,492 44	72,211 41	71,363 93	70,595 95
1,203 15	20,919 78	20,561 41	20,964 03	17,083 77	20,818 32	24,917 35	31,545 24
1,803 35	12,430 09	13,357 52	15,561 22	15,258 31	17,285 92	17,962 94	19,003 92
1,900 80	38,412 27	44,015 05	44,443 21	40,507 25	40,104 64	36,977 83	38,213 09
.....	29,555 10	33,709 75	32,059 32	30,128 36	33,941 16	35,728 22	36,091 17
1,473 94	75,567 53	76,644 98	78,533 75	80,228 82	81,349 67	83,564 17	85,082 49
1,856 05	22,416 54	21,652 28	20,845 22	30,654 98	32,576 03	22,998 74	24,177 38
1,159 26	13,267 37	13,406 34	11,678 08	10,039 73	10,228 31	12,623 91	13,502 02
1,045 85	2,798 93	2,141 09	1,642 65	1,014 00	2,129 30	695 85	.....
.....	.....	.....	.....	67 74	5,689 21	5,888 59	5,611 45
.....	.....	.....	.....	.....	4,396 14	7,756 93	7,425 85
1,328 23	108,661 49	119,893 85	75,165 17	94,963 63	165,463 56	108,207 16	116,959 61
1,821 73	10,184 18	9,369 15	8,667 20	6,578 77	6,675 27	7,058 69	7,304 08
1,131 99	5,537 77	5,064 31	5,415 51	4,920 21	4,707 72	4,056 66	3,536 88
1,963 04	2,707 48	8,688 94	1,099 94	1,260 93	1,222 58	1,733 41	3,114 99
1,840 14	36,904 77	33,936 37	46,286 51	31,390 79	59,630 82	36,804 41	37,242 17
1,786 75	2,758 25	5,525 50	10,103 95	7,041 66	7,599 75	10,710 15	6,076 95
1,929 24	40,443 04	41,425 53	47,379 71	25,297 66	40,636 52	96,722 95	104,475 59
1,555 57	$ 4,893,120 82	$ 5,049,397 67	$ 5,571,009 21	$ 5,527,179 48	$ 5,851,397 16	$ 6,227,711 71	$ 6,764,933 21
S							
1,012 98	$ 642,180 74	$ 761,127 66	$ 429,697 36	$ 544,600 79	$ 568,260 23	$ 193,929 38	$ 192,603 36
1,098 33	215,168 20	104,874 03	45,645 54	11,583 00	3,376 67	11,975 49	25,307 43
.....	.....	.....	.....	4,896 65	97,761 13	144,505 04	89,700 28
.....	.....	.....	.....	.....	.....	.....	44,666 65
1,343 72	47,336 69	50,707 44	73,102 40	55,776 99	12,868 82	33,119 65	276,047 23
.....	.....	48,029 92	32,131 28	.....	.....	.....	.....
1,454 10	24,458 62	2,902 48	14,699 83	47,153 49	3,589 67	10,892 72	167,910 92
1,494 09	99,541 66	151,558 87	95,373 15	166,640 94	150,690 50	218,939 56	189,323 96
1,928 41	181,160 91	53,419 06	76,249 84	39,755 94	475,538 33	64,607 65	51,184 39
1,398 78	65,440 46	20,269 38	26,946 83	14,185 39	8,333 12	39,798 38	12,668 36
1,963 33	164,371 41	141,330 14	183,868 32	197,783 81	233,263 85	389,352 59	548,818 18
1,518 41	593,000 00	1,608,000 00	476,000 00	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	176,400 00	191,090 00
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	5,000,060 00	.....
W 1,701 47	624,374 17	334,546 52	611,962 61	823,639 46	674,098 56	614,700 79	469,841 32
H 1,747 34	3,544 82	8,713 84	398 25	.....	.....	.....	.....
W 1,660 96	$ 2,660,577 68	$ 3,285,479 34	$ 2,066,075 41	$ 1,906,016 46	$ 2,227,780 88	$ 6,898,271 25	$ 2,259,162 08
H 1,684 97	557,312 86	571,084 67	609,138 17	661,169 18	654,068 34	681,744 82	697,732 42
1,561 29	60,699 04	59,730 23	54,983 32	59,309 84	58,028 10	55,375 48	51,971 09
1,372 72	$ 9,051,575 42	$ 9,814,073 69	$ 9,104,739 54	$ 8,932,746 57	$ 9,570,533 05	$14,804,923 98	$10,705,858 98
1,375 19	222,251 76	158,891 89	95,132 32	179,667 32	159,307 31	241,316 02	233,900 86
1,747 91	$ 9,273,827 18	$ 9,972,965 58	$ 9,199,871 86	$ 9,112,413 89	$ 9,729,840 36	$15,046,240 00	$10,939,759 84

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CITY AUDITOR'S

ANNUAL REPORT

FOR THE

Fiscal Year Ending April 11, 1904.

CITY AUDITOR'S OFFICE,
ST. LOUIS, June 30, 1904.

To the Honorable, the Municipal Assembly of the City of St. Louis:

GENTLEMEN—In compliance with the provisions of the City Charter, I have the honor to submit, herewith, my report of the business of this office for the fiscal year ending April 11, 1904.

Very respectfully,

BERNARD DIERKES,
City Auditor

Con. P. Curran Printing Co., St. Louis, Mo.

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CITY AUDITOR'S

ANNUAL REPORT

For the Fiscal Year ending April 11, 1904.

RECEIPTS.

TREASURER, DR.

To Balance in Treasury, April 13th, 1903			$6,292,592 62
Receipts during fiscal year from following sources:—			
L. F. Hammer, Jr., Collector of Revenue—			
Current Revenue, 1903		$5,860,769 47	
Back Taxes, 1890	$ 2 49		
" " 1891	9 30		
" " 1892	15 11		
" " 1893	433 10		
" " 1894	543 67		
" " 1895	874 59		
" " 1896	1,288 95		
" " 1897	1,800 42		
" " 1898	21,418 94		
" " 1899	32,919 42		
" " 1900	48,623 45		
" " 1901	78,496 07		
" " 1902	241,562 05		
" " 1903	48,926 83		
		6,337,683 86	
Delinquent Personal Taxes, 1890	54 47		
" " " 1891	00		
" " " 1892	2 25		
" " " 1893	53 70		
" " " 1894	108 90		
" " " 1895	89 55		
" " " 1896	166 27		
" " " 1897	187 60		
" " " 1898	1,506 21		
" " " 1899	1,528 92		
" " " 1900	3,112 69		
" " " 1901	3,891 22		
" " " 1902	18,751 51		
" " " 1903	2,100 86		
		31,554 15	
Street Sprinkling Special Taxes, 1888	5 02		
" " " " 1889	8 61		
" " " " 1890	17 94		
" " " " 1891	64 32		
" " " " 1892	148 84		
" " " " 1893	137 79		
" " " " 1894	244 02		
" " " " 1895	333 70		
" " " " 1896	511 63		
" " " " 1897	692 99		
" " " " 1898	1,588 18		
" " " " 1899	1,359 71		
" " " " 1900	3,348 35		
" " " " 1901	4,11? 72		
" " " " 1902	19,585 24		
" " " " 1903	162,121 66		
		194,280 72	

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Street and Alley Openings, Special Taxes—

Alley in Block No.	449	$ 1 05
" "	821N	62 50
" "	1517	40 00
" "	1901	1 00
" "	2054	5 00
" "	2472	224 25
" "	2486	884 16
" "	2953	43 45
" "	2967	68 00
" "	2992B	757 50
" "	3311	457 88
" "	3573	32 00
" "	3604	30 00
" "	3607	149 40
" "	3618	61 00
" "	3619E	18 00
" "	3644B	43 50
" "	3690 and 3691	67 50
" "	3711B	16 25
" "	3716	125 90
" "	3768W	2 00
" "	3774	6 00
" "	3775	1,908 50
" "	3778 No. 1	26 50
" "	3778 No. 2	1,693 00
" "	3785	50
" "	3788	77 50
" "	3791	80 00
" "	3792	21 20
" "	3797	5 00
" "	3805	363 00
" "	3829	525 33
" "	3919E	1,145 00
" "	4036	16 30
" "	4057	71 25
" "	4440	13 20
" "	4441	26 75
" "	4522	67 50
" "	4525	440 00
" "	4530	53 20
" "	4531	105 00
" "	4557	122 50
" "	4585	119 25
" "	4826	11 00
" "	4827	15 00
" "	4877A	1,043 58
" "	4913	33 15
" "	4914	34 20
" "	4925	16 10
" "	5051B	147 00
Arsenal Street		37 00
Ashland Avenue		208 80
Baden Avenue		7 50
Blackstone, S. D., No. 1		916 19
Bradley Avenue		167 00
Broadway, No. 2		178 21
Broadway, No. 3		1,162 90
Cora Avenue		205 50
Clara Avenue		7 95
Columbia Avenue		162 50
Donovan Avenue		3,275 00
Euclid Avenue		311 25
Tyler Avenue		2,337 20
Gascoonade Street		113 95
Gimblin Street		3,033 45
Itaska Street		12 50
Iron Street		249 25
Kingshighway, No. 2		4 00
Kingshighway, No. 3		128 00
Kingshighway, No. 4		13,442 20
Keokuk Street		270 55
Kennerly Avenue		10 00
Lawrence Street		701 47
Michigan Avenue		319 20
Magnolia Avenue		5 50
Meramec Street, No. 2		7 50
Ninth Street		1,589 50
North Market Street, No. 2		169 85
Sullivan Avenue		6,794 50

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San Francisco Avenue	$ 219 00		
Seventh Street	692 35		
St. Louis Avenue, Nos. 1 and 2	782 64		
Spring Avenue, No. 2	186 00		
Tamm Avenue, No. 1	1,352 80		
Tamm Avenue, No. 2	8,513 70		
Twenty First Street, No. 2	159 75		
Terry Avenue, No. 2	159 75		
Terry Avenue, No.-2	474 00		
Tower Grove Avenue, No. 2	7 50		
Taylor Avenue, No. 6	15 00		
Twelfth Street	401 88		
	59,909 89		
Less Commission of L. F. Hammer, Jr., Collector	1,782 69	$ 58,127 20	
Wharfage Bills		82,827 97	
P. J. Clifford, License Collector.—			
License as follows:—			
Auctioneers	4,555 00		
Banks	4,850 00		
Brokers and Financial Agents	5,250 00		
Bicycles	3,452 00		
Bill Posters	80 00		
Circuses, Theatres and Exhibitions	4,088 75		
City Weighers	100 00		
Commission Merchants	18,163 00		
Dogs	21,739 00		
Engravers	230 00		
Flying Horses	180 00		
Fortune Tellers	6,500 00		
Garbage Wagons	760 00		
Hotels and Boarding Houses	5,080 50		
Hotel Runners	660 00		
Insurance	17,400 00		
Intelligence Offices	4,650 00		
Junk Shops	2,750 00		
Junk Wagons	2,780 00		
Lumber Measurers and Assistants	60 00		
Manufacturers	228,041 60		
Mercantile Agents	1,800 00		
Milk License	3,965 00		
Merchandise Brokers	8,825 00		
Merchants	298,352 20		
Pawnbrokers	9,000 00		
Peddlers and Hawkers	18,724 75		
Photographers	2,456 25		
Pool and Billiards	4,970 00		
Restaurants	12,460 00		
Railroad Ticket Brokers	775 00		
Real Estate Agents	7,081 25		
Register's Fees	5,439 50		
Sale Stables	587 50		
Shooting Galleries	306 25		
Stock Yards	150 00		
Vault Cleaners	300 00		
Vehicles	85,197 00		
		791,759 55	
Licenses Collected by L. F. Hammer, Jr—			
Dramshopes	1,255,531 10		
Weighers' Tickets	18,956 08		
Market Rents—Union	33,126 82		
Market Rents—Soulard	441 70		
Market Rents—South St. Louis	78 00		
Register Fees	2,518 00		
Rent Bills	4,058 41		
Jail Bills	1,277 10		
St. Louis County Bills	5,596 98		
Insane Accounts	9,270 80		
Interest and Costs on Street Openings	2,578 75		
		1,333,433 74	
Less Commission on above		43,229 84	$1,290,203 90
F. Scharwitz, Assessor and Collector of Water Rates			
Water Licenses		1,697,863 10	
Permits		5,353 00	
Taps		2,862 80	
Connections		1,494 85	
			1,707,573 75

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Paul Young, Jr., Recorder of Deeds—		
Recording Fees, Etc.	$ 54,279 10	
James Scullin, Marshal—		
Fines and Fees:		
First District Police Court	34,598 75	
Second District Police Court	13,877 50	
South St. Louis Police Court	2,495 00	
		$ 50,971 25
P. J. McMahon, Inspector of Weights and Measures—		
Fees		10,941 75
Jos. G. Branch, Inspector of Boilers and Elevators—		
Boiler Inspection	10,240 00	
Elevator Inspection	3,783 00	
Fees	537 00	
		14,560 00
P. H. Clarke, Factory Inspector—		
Fees		3,023 00
Andrew Scully, Sup't Work House		
Fines and Fees		8,756 00
C. F. Longfellow, Commissioner of Public Buildings—		
Fees for April, 1903	330 00	
G. U. Heimburger, Commissioner of Public Buildings—		
Building Permits and Inspection	18,130 60	
		18,460 60
Patrick R. Fitzgibbon, City Register —		
Dental, Druggist and Osteopaths' Certificates	45 50	
Fees for Revised Ordinances	10 00	
Fees for Certified Copies of Ordinances	52 35	
Fees for Certified Copies of Bonds	9 00	
Fees for Certified Copies of Acceptances	46 35	
Fees for Certified Copies of Contracts	11 00	
		174 20
John H. Simon, Health Commissioner—		
Poor House Bakery—		
Bread Furnished City Institutions	26,826 82	
Registration of Physicians and Midwives	246 00	
Money Left by Deceased at City Hospital	237 27	
		27,310 09
Frank A. J. Hiller, Clerk Board of Health—		
Fees for Birth and Death Certificates		1,276 00
A. P. Richardson, Sup't House of Refuge—		
Bread Furnished City Institutions by House of Refuge Bakery		9,826 34
Joseph F. Dickmann, Sheriff—		
Jury and Other Fees	1,726 46	
Unclaimed Fees	261 70	
		1,988 16
Robert Aull, Park Commissioner—		
Boating Privileges at O'Fallon Park		516 00
William H. Hauschulte, Clerk Circuit Court—		
Old and New Jury Fees	8,741 40	
Old and New Judges' Fees	3,831 52	
Stenographers' Fees	7,232 61	
Justices and Constables	848 58	
Fees Belonging to Others	1,341 94	
Surplus Fees	58 38	
Costs Returned in Various Cases	131 21	
		22,165 64
Bruce Starke, Clerk Probate Court—		
Jury Fees	492 00	
Unclaimed Witness Fees	36 00	
		528 00
John J. Manton, Clerk Court of Criminal Correction—		
Unclaimed Witness Fees	216 85	
Prosecuting Attorney Fees	5,018 00	
Jail Fees	107 50	
Jury Fees	6 00	
Fines and Costs in City Appeal Cases	2,211 50	
Clerks' Fees in Excess of Salary	2,126 28	
		9,686 13

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Casper J. Wolf, Circuit Clerk for Criminal Causes —		
Unclaimed Witness Fees		$ 48 50
James M. Franciscus, Jr., Treasurer —		
Amount of Unpaid Pay Rolls Returned to Auditor During the Fiscal Year	$ 6,233 73	
Interest Collected on City of St. Louis Bonds on Account of State University Scholarship Fund	255 50	6,489 23
James Y. Player, Comptroller —		
Interest on City Current Deposits at Following Banks:		
American Exchange	17,017 65	
Boatmens	19,948 18	
Franklin	15,041 10	
Fourth National	18,336 46	
German-American	17,715 35	
Lafayette	17,284 88	
Mechanics National	16,580 26	
Merchants-Laclede National	13,937 97	
National Bank of Commerce	17,485 58	
State National	15,338 57	
Third National	19,100 25	187,786 25
First District Police Court -		
O. J. Macaulay, Clerk - -		
Fees for Transcripts		41 00
First District Justice Court —		
Andrew Langford, Clerk—		
Fees	219 45	
Edward Hunt, Constable —		
Fees	3,983 59	4,203 04
Second District Justice Court—		
Albert Hercules, Clerk—		
Fees	53 15	
Charles Young, Constable - -		
Fees	2,933 24	2,986 39
Third District Justice Court —		
John Geekie, Clerk—		
Fees	14 00	
Edward E. Guion, Constable—		
Fees	3,079 62	3,093 62
Fourth District Justice Court, No. 1—		
Patrick O'Donnell, Clerk - -		
Fees	16 20	
James B. Bligh, Constable - -		
Fees	2,010 53	2,026 73
Fourth District Justice Court, No. 2 —		
James Griffin, Clerk—		
Fees	161 60	
Edward J. Morrissey, Constable—		
Fees	4,521 73	4,683 33
Fifth District Justice Court, No. 1—		
Charles I. Ruane, Clerk—		
Fees	41 50	
John J. McGillicuddy, Constable -		
Fees	4,488 97	4,530 47
Fifth District Justice Court, No. 2 -		
Paris Wolfe, Clerk —		
Fees	31 00	
Michael Kinney, Constable		
Fees	6,140 29	6,171 29
Sixth District Justice Court—		
Dennis Dwyer, Clerk—		
Fees	296 20	
James P. Miles, Constable—		
Fees	3,704 84	4,001 04

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Seventh District Justice Court—		
Henry C. Echterhoff, Clerk—		
Fees	$ 97 30	
Henry Landwehr, Constable—		
Fees	5,038 81	
		$ 5,136 11
Eighth District Justice Court—		
Thomas P. O'Brien, Clerk—		
Fees	42 20	
Andrew W. Sheridan, Constable —		
Fees	5,147 09	
		5,189 29
Ninth District Justice Court —		
Frank Sweeney, Clerk—		
Fees	43 25	
John P. Dolan, Constable—		
Fees	3,542 23	
		3,585 48
William Schaefer, Weigher, South Levee Scales —		
Fees		28 40
P. McHale, Weigher Bridge Scales —		
Fees		1,163 20
George M. Burke, Weigher, City Market Scales —		
Fees		1,352 25
Timothy Kelly, Weigher, Thorpe Scales —		
Fees		32 00
William Rott, Weigher, Soulard Market Scales —		
Fees		540 70
Joseph Murphy, Weigher, South St. Louis Market Scales—		
Fees		127 00
John P. Boyce, Commissioner of Supplies—		
Proceeds of Sale of Condemned Property from following Departments:		
Water Department—		
Scrap Iron, Brass, etc.	31,783 29	
Board of Police Commissioners —		
Insurance Paid on Loss of Riot Guns Destroyed by Fire at Fifth District	1,000 00	
Sale of Unserviceable Horses	1,505 70	
Board of Health and Commissioners—		
Old Wagons, Carboys, etc	109 40	
City Lighting Department—		
Switches, Sockets, etc.	135 33	
City Hall Engineer—		
Scrap Iron	5 69	
Fire Department—		
Horses, Hose, Brass, etc.	2,751 37	
Poor House Bakery—		
Empty Barrels.	864 40	
House of Refuge Bakery—		
Empty Barrels.	300 60	
House of Refuge—		
Horses, Scrap Iron, etc.	250 16	
City Hospital—		
Old Jewelry, Bones and Tallow	74 10	
Poor House —		
Horses, Rags, Bones, etc.	418 43	
Coroner's Office —		
Old Clothing	55 35	
Commissioner of Public Buildings —		
Horse, Buggy, etc.	123 24	
Insane Asylum —		
Old Tank, Grease, Bones and Tallow	372 77	
Work House—		
Mule, etc.	40 80	
Street Commissioner—		
Old Iron, etc	1,467 67	
Supply Commissioner —		
Forfeit Money, etc.	19 00	
Harbor and Wharf Commissioner —		
Boiler, Scow, Rope, etc	140 31	
Fire Alarm Telegraph—		
Horses, Zinc, Copper, etc.	211 84	
Jail —		
Old Carpets, etc.	40 00	

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Park Commissioner—		
Scrapers, Horses, Dead Trees, etc.	$ 457 83	
Second District Police Court—		
Old Stoves	12 50	
City Chemist—		
Oil Stoves	10 00	
Quarantine Hospital—		
Mules, Barrels, etc.	184 20	
City Dispensary—		
Horse	82 50	
Court House—		
Brass, Iron, etc	24 80	
Circuit Court—		
Old Furniture	12 75	
Board of Public Improvements—		
Old Iron	11 52	
Assessor Water Rates—		
Horse	20 00	
Female Hospital—		
Grease, Bones, and Tallow	67 29	
First District Justice Court—		
Old Carpet	5 00	
Sewer Commissioner—		
Old Iron, etc	63 21	
Election Commissioners—		
Booths, Ballot Boxes and Old Paper	247 81	
Bridge Scale—		
One Stove	1 00	
Emergency Hospital— No. 2—		
Bones and Tallow	25 41	
Boiler Inspector—		
Horse	36 50	
Payment by Property Owners for Street Improvements and Reconstruction		$42,931 77
Hammel and Karleskind—		
Delinquent Special Tax Bills No. 7177 Assessed Against Lot 3 for Making Sewer City Block 3057. Realeased under Ordinance 17413	58 81	
Alfred Clifford—		
Vacating 97 Feet 5 Inches in C. B. 2273, Under Ordinance 21,132	275 00	
Willi Brown—		
Balance Account Sale Opening of Rutger Street, Under Ordinance 16,232 and 16,752	1,900 00	
Mary V. Johnson—		
Account Special Tax Bill 3954, Under Contract 6248, Ordinance 20,721, C. B. 3718, issued to Hill and O'Meara Construction Company	123 45	
Louis and Mary Burghart		
Redemption of Special Tax Bill 7174, Dated December 24, 1881, Ordinance 17,413	32 67	
Nathan C. Wilkinson—		
Account Special Tax Bill 6013, Under Contract 6267, C. B. 4469s, Ordinance 20,676	86 80	
Louis Nelson, Estate—		
Account Special Tax Bill 4351, Under Contract 6193, C. B. 4522, Issued to McIntire and Luse	37 40	
Neils R. Hanson—		
Account Special Tax Bill 3990, Under Contract 6248, Ordinance 20,721, C. B. 3717	84 82	
B. G. Farrar—		
Account Special Tax Bill 6011, Under Contract 6267, Ordinance 20,676, C. B. 4469	314 49	
Mary O'Connell—		
Account Special Tax Bill 3991, Under Contract 6248, Ordinance 20,721, C. B. 3717	27 30	
John Deere Plow Company—		
Account Vacation as Required by Ordinance 21,285	3,000 00	
Catherine Cronin		
Account Special Tax Bill 3946, Under Contract 6248, Ordinance 20721, C. B, 3718	55 60	
Mary T. Hughes		
Account Special Tax Bill 3997, Under Contract 6248, Ordinance 20,721, C. B. 3717	55 30	
William H. Stahlhuth—		
Account Special Tax Bill 3941, Under Contract 6248, Ordinance 20,721, C. B. 3718	36 70	
John W. Kendall		
Account Special Tax Bill 18,350, Under Contract 6314, Ordinance 20,569, C. B. 4163	4 20	

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William Busch—		
Account Special Tax Bill 14,209, Under Contract 6553, Ordinance 21,068 C. B. 2090		$ 14 45
Amanda Ott —		
Account Special Tax Bill 3995, Under Contract 6248, Ordinance 20,721, C. B. 3717		128 80
Maria Kilroy (Wife of Martin)—		
Tax Bill 6037, Contract 6267, Ordinance 20,676, C. B. 4469s		53 15
Julia Maher		
Tax Bill 3985, Contract 6248, Ordinance 20,721, C. B. 3717		123 62
James A. Burhaus—		
Redemption of Special Tax Bill 83, Ordinance 7612		19 80
Francis A. Thornton —		
Account Special Tax Bill 6858, Contract 6230, Ordinance 20,636, C. B. 4585		57 76
Payment by Railroads		
Central Traction Co.—		
Semi-annual Payment due July 1, 1903, as Required by Ordinance 19,352	$ 5,000 00	
Central Traction Co.—		
Semi-annual Payment Due January 1, 1904, as Required by Ordinance 19,352	5,000 00	
		10,000 00
Cass Avenue and Fair Grounds Ry. Co.—		
Semi-annual Payment of 2½% on Gross Receipts for Six Months Ending June 30, 1903, under Ordinance 16,639	7,466 68	
Cass Avenue and Fair Grounds Ry. Co —		
Semi-annual Payment of 2½% on Gross Receipts for Six Months Ending December 31, 1903, Under Ordinance 16,639	8,039 35	
		15,506 03
Kingshighway Railway Co.—		
Semi-annual Payment 2½% on Gross Earnings for Six Months Ending June 30, 1903, Under Ordinance 18,048	131 73	
Kingshighway Railroad Co.—		
Semi-annual Payment 2½% on Gross Earnings for Six Months, Ending December 31, 1903, Under Ordinance 18,048	141 53	
		273 2.
Lindell Railway Co. —		
Semi-annual Payment due July 1, 1903, as Required by Ordinance 19,429	14,000 00	
Lindell Railway Co.—		
Semi-annual Payment due January 1, 1904, as Required by Ordinance 19,429	14,000 00	
		28,000 00
Citizens' Railway Co.—		
Semi-annual Payment Due July 1, 1903, as Required by Ordinance 11,528	5,000 00	
Citizens' Railway Co.—		
Semi-annual Payment Due January 1, 1904, as Required by Ordinance 11,528	5,000 00	
		10,000 00
People's Railway Co. —		
Semi-annual Payment Due July 1, 1903, Under Ordinance 17,196	2,500 00	
People's Railway Co.—		
Semi-annual Payment due January 1, 1904, Under Ordinance 17,196	2,500 00	
		5,000 00
St. Louis Railroad Co.—		
Semi-annual Payment Due July 1, 1903, Under Ordinance 14,162	2,500 00	
St. Louis Railroad Co.—		
Semi-annual Payment Due January 1, 1904, under Ordinance 14,182	5,000 00	
		7,500 00
Union Depot Railway Co.—		
Annual Payment due July 1, 1903, under Ordinance 17,021		2,000 00
Southern Railway Co. —		
Annual Payment due July 1, 1903, under Ordinance 17,185		1,000 00

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St. Louis Merchants Bridge Terminal Ry. Co.—		
Annual Payment due December 1, 1903, under Ordinance 20,726		$ 151 00
Manchester Road Electric Railway Co. –		
Annual Payment due July 1, 1903, as required by Ordinance 17,375		1,000 00
St. Louis Meramec River R. R. Co.–		
Annual Payment due July 1, 1903, under Ordinance 19,392		1,000 00
Grand Avenue Railway Co. —		
Annual Payment due January 1, 1904, under Ordinance 17,047		2,000 00
Union Depot Railroad Co.—		
Annual Payment due January 1, 1904, under Ordinance 18,049		1,000 00
St. Louis Transfer Railway Co. –		
Annual Payment due January 1, 1904, under Ordinance 12,795		1,000 00
Jefferson Avenue Railroad Co. –		
Annual Payment of 3 per cent. on gross earnings for year ending December 31, 1903, under Ordinance 18,047		6,333 47
Southern Electric Railroad Co.		
Annual Payment due January 1, 1904, under Ordinance 17,693		10,000 00
Southern Railway Co. –		
Annual Payment due January 1, 1904, under Ordinance 14,837		2,000 00
St. Louis and Suburban Railway Co.—		
Annual payment due January 1, 1904, under Ordinance 19,393		1,000 00
St. Louis and Suburban Railway Co.– –		
Annual Payment due January 1, 1904, under Ordinance 15,954		4,000 00
St. Louis Merchants Bridge Terminal Ry. Co.–		
Annual Payment due January 1, 1904, under Ordinance 14,078		5,000 00
St. Louis, Oak Hill & Carondelet Ry. Co.–		
Annual Payment due March 1, 1904, under Ordinance 14,739		1,000 00
St. Louis and Meramec River R. R. Co.–		
Annual Payment due January 1, 1904, as required by Ordinance 18,677		1,000 00
St. Louis and Meramec River R. R. Co.—		
Jointly with St. Louis & Suburban Ry. Co. –		
Annual Payment due January 1, 1904, as required by Ordinance 19,350		3,500 00
Payments By Corporations—		
Missouri Edison Electric Co. –		
Semi-annual Payment due January 1, 1903, 5 per cent. on gross receipts as required by Section 1102 of Municipal Code	$16,693 91	
Missouri Edison Electric Co.–		
Semi-annual Payment due July 1, 1903, 5 per cent. on gross receipts as required by Section 1102 of Municipal Code	21,797 51	
		38,491 42
Union Electric Light and Power Co.–		
Semi-annual Payment due July 1, 1903, 5 per cent. on gross receipts as required by Section 1102 of Municipal Code	10,746 54	
Union Electric Light and Power Co. –		
Semi-annual Payment due January 1, 1904, as required by Section 1102 Municipal Code	31,852 10	
		42,598 64
Bell Telephone Co. of Missouri–		
Semi-annual Payment of 5 per cent. on gross receipts for six months ending June 30, 1903, under Ordinance 12,724	15,941 00	
Bell Telephone Co of Missouri—		
Semi-annual Payment of 5 per cent on gross receipts for six months ending December 31, 1903, under Ordinance 12,724	17,166 63	
		33,107 63
Edison Electric Illuminating Co. of Carondelet —		
Semi-annual payment of 5 per cent. on gross receipts for six months ending June 30, 1903, under Ordinance 12,723	413 52	

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Edison Electric Illuminating Co. of Carondelet—		
Semi-annual Payment of 5 per cent. on gross receipts for six months ending December 31, 1903, under Ordinance 12,723	$ 418 50	$ 832 02
Kinloch Telephone Co.—		
Semi-annual Payment of 5 per cent. on gross receipts for six months ending June 30, 1903, under Section 1145 Municipal Code	11,665 45	
Kinloch Telephone Co.—		
Semi-annual Payment of 5 per cent. on gross receipts for six months, ending December 31, 1903, under Section 1145 Municipal Code	12,623 18	24,288 63
Waters Pierce Oil Co.—		
Semi-annual Payment due September 10, 1903, as required by Ordinance 12,312	200 00	
Waters Pierce Oil Co.—		
Semi-annual Payment due March 10, 1904, as required by Ordinance 12,312	200 00	400 00
Carondelet Electric Light and Power Co.—		
Semi-annual Payment of 5 per cent. on gross receipts for six months ending June 30, 1903, as required by Section 1102 Municipal Code	362 46	
Carondelet Electric Light and Power Co.—		
Semi-annual Payment of 5 per cent. on gross receipts for six months ending December 31, 1903, as required by Section 1102 Municipal Code	522 25	884 71
National Subway Co.—		
Semi-annual Payment due August 6, 1903, as required by Ordinance 15,953	500 00	
National Subway Co.—		
Semi-annual Payment due February 6, 1904, as required by Ordinance 15,973	500 00	1,000 00
Wabash R. R., C. B. & Q. R. R., Terminal R. R. Ass'n.—		
Account Railroad Company's part of cost of construction of North Market Street Sewer as arranged between the companies and the Board of Public Improvements		1,800 00
St. Louis Refrigerator and Cold Storage Co.		
Annual Payment of 5 per cent. on gross receipts due July 1, 1903, under Ordinance 15,800		1,513 38
Printing News Telegraph Co.—		
Annual Payment due July 1, 1903, as required by Section 1142 Municipal Code		16 20
Postal Telegraph Cable Co.—		
Annual Payment due July 1, 1903, as required by Section 1142 Municipal Code		93 95
Missouri District Telegraph Co.—		
Annual Payment due July 1, 1903, as required by Section 1142 Municipal Code		223 00
Eureka Messenger Co.—		
Annual Payment due July 1, 1903, as required by Section 1142 Municipal Code		4 60
Cable Cab, Messenger and Livery Co.		
Annual Payment due July 1, 1903, as required by Section 1141 Municipal Code		10 00
Phœnix Light, Heat and Power Co.—		
Semi-annual Payment of 5 per cent. on gross receipts for six months ending June 30, 1903, under Section 1102 Municipal Code	1,799 38	
Phœnix Light, Heat and Power Co.—		
Semi-annual Payment of 5 per cent. on gross receipts for the six months ending December 31, 1903, under Section 1102 Municipal Code	1,913 42	3,712 80
Miscellaneous Payments—		
Scruggs, Vandervoort and Barney D. G. Co.—		
Amount Refunded Account Error in Voucher No. 32 dated April 17, 1903		100 00
A. Huebler, Jailer		
Boarding and Keeping Transient Prisoners		1 00
Mississippi Valley Trust Co.		
Administrator of George Meyer, deceased. Unclaimed allowance on estate in favor of Ed. J. Rost, paid in under Section 237 R. S. 1899		38 53

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W. W. Wheat, Trustee for Lafayette Park— Balance of cash on hand received from hire of boats	$ 87
John Ellspermann, Jr.— Sec'y Board of Election Commissioners— Surplus fund accruing out of assessments levied against delegations and candidates for nomination for election, April 7, 1903	822 00
B. C. Adkins, Water Commmissioner— Overpayment to James McAvinney on pay roll for April, 1903	12 00
James Farley— Overpayment on Insane Asylum pay-roll for April, 1903	1 67
John P. Boyce, Commissioner of Supplies— For coal purchased on account William Ratican contract	365 00
Walter Coffall— Overpayment on Water Works pay-roll, May, 1903	3 22
George Kramer— Overpayment on Water Works pay-roll, May, 1903	7 20
Henry Gronemann— Overpayment on Water Works pay-roll, May, 1903	10 00
A. J O'Reilly, Supervisor City Lighting— Testing one gas meter	1 00
James Scullin, City Marshal— Sale of frame house at Marmaduke and Tamm Avenues at public vendue	60 00
J. Howe— Overpayment on Fire Department pay-roll, July, 1903	8 71
Patrick Maxwell— Overpayment on Water Works pay-roll July, 1903	10 00
Martin Skogan— Overpayment on Water Works pay-roll, July, 1903	9 00
Edward Bond— Overpayment on Water Works pay-roll, July, 1903	7 74
James Dalton— Overpayment on Emergency Hospital pay-roll, July, 1903	4 03
H. Clay Henning— Overpayment on Sewer Dept. pay-roll, September, 1903	50 00
M. Kleinoffer— Overpayment on Fire Department pay-roll, November, 1903	10 50
Joseph P. Whyte, R. E. Co.— Account rent of barn at 2327 Walnut Street, to November 30, 1903	14 00
John Wordell— Overpayment on Emergency Hospital pay-roll, November, 1903	3 50
John Murphy— Overpayment on Insanse Asylum pay-roll, October, 1903	1 61
P. J. Hart— Overpayment on Insane Asylum pay-roll, October, 1903	2 90
"Scrupulous Conscience"— As per letters and envelopes attached to receipt turned over to Auditor by City Treasurer	400 00
Henry Landwehr, Constable 7th District— Fees belonging to others collected during 1903	24 85
Terminal R. R. Ass'n of St. Louis— 547 dump tickets returned by Sewer Dep't	27 35
John J. Foley— Overpayment on Insane Asylum pay-roll, January, 1903	3 39
James Milligan— Overpayment on Emergency Hospital pay-rolls, January, 1903	1 10
Kate Murphy— Overpayment on Emergency Hospital pay-roll, January, 1903	48

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Gus Johnson—		
Overpayment on Jackson Park pay-roll, January, 1903		$ 2 00
A. London—		
Overpayment on Jackson Park pay-roll, January, 1903		2 00
John Berman—		
Overpayment on Jackson Park pay-roll, January, 1903		1 00
W. Kamper—		
Overpayment on Fire Department pay-roll, February, 1903		12 47
B. C. Adkins, Water Commissioner—		
Amount returned from Garbage Commission		412 05
Gottlieb Eyermann, Jr.—		
Amount overpaid on account Sprinkling District No. 12. Error in warrant		6 00
Charles W. Bates, City Counselor—		
Costs, etc., returned in various cases		656 55
Robert M. Funkhouser, Coroner—		
Unclaimed money found on bodies	$ 85 37	
Sale of Transcripts	337 12	
		422 49
James Y. Player, Comptroller—		
For work done by Health Department, fumigating the German Protestant Orphans' Home, St. Louis County	250 00	
Account abstract of tax books furnished the State Auditor for the year 1903	629 36	
Account settlement by stipulation for back fees collected by Nolan, clerk 4th district Justice court	250 00	
		1,129 36
Bernard Dierkes, Auditor—		
Duplication of bill February 12, 1903 and paid by warrant No. 958 April 22, 1903, account Police Department	7 50	
Account fees overpaid Sheriff Dickmann in taking boys to Reform School at Boonville, years 1902 and 1903	240 12	
		247 62
Board of Police Commissioners—		
Overpaid M. McGuirk on Mounted District pay-roll, May, 1903	19 35	
Overpaid James L. Dawson on Central District pay-roll, May, 1903	89 03	
Overpaid C. D. Buehler on Central District, pay-roll, May, 1903	8 71	
Overpaid William Y. Hoagland on Mounted District pay-roll, August, 1903	17 42	
Overpaid James McGarry on Fourth District pay-roll, October, 1903	60 00	
Overpaid Albert Goode on Central District pay-roll, January, 1903	34 84	
Overpaid William Kennedy on Eighth District pay-roll, September, 1903	24 00	
		253 35
James L. Dawson, Jailer—		
Boarding and Keeping transient prisoners		4 50
Herman Horchert, Probation officer—		
Maintaining boys at Missouri Training School at Boonville, Mo	375 00	
Maintaining girls at Industrial Home for Girls, Chillicothe, Mo	106 75	
		481 75
Thomas B. Carter, Supervisor of City Lighting—		
Testing gas meters		12 00
State of Missouri, Albert O. Allen, Auditor —		
Foreign Insurance Tax	51,087 35	
Expense of making assessment	35,659 82	
Statements of cost in Criminal Cases	46,976 00	
Statement of costs in Criminal Cases, Juvenile Division	155 00	
		133,878 17
Contracts and Other Deposits -		
Being sundry amounts deposited with City Treasurer as guarantee of faithful executions of Bids and Contracts		278,266 59
Sale of Topographical Maps as permitted by ordinances —		

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August 26, 1903, to J. A. Parker	$ 6 00		
January 29, 1904, to P. C. Maffitt	10 00		
March 2, 1904, to J. T. Dodds	10 00		
		$ 26 00	
Total Cash Receipts for fiscal year ending April 11, 1904			$11,707,167 16
Balance in Treasury April 13, 1903			6,292,592 62
Grand Total			17,999,759 78

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EXPENDITURES.

TREASURER, CR.

By Warrants Drawn during the Fiscal Year against the following Accounts:

Alteration and Reconstruction of Engine House, Ordinance No. 21,071, etc.	$ 23,423 84
Assessment of Revenue	70,595 95
Assessor and Collector of Water Rates	64,064 14
Board of Engineers and Boiler Inspector	12,232 62
Board of Health and Commissioner	120,083 92
Board of Public Improvements, President's Department	57,188 77
Catching and Killing Dogs	4,999 50
City Dispensary	54,126 64
City Hall, Repairs and Alterations	1,646 34
City Hall, Salaries and Current Expenses	787 69
City Hospital	120,315 96
Clarifying and Purifying the Water Supply, Ordinance 21,026	74,557 15
Cleaning Levee and Removing Obstructions	10,899 87
Commissioner of Public Buildings	31,545 24
Commissioner of Supplies	19,003 92
Comparison of Delinquent Street Sprinkling Special Tax Bills, Ordinance 21,192	365 00
Concerts in Public Parks	5,786 00
Construction of Hospital Building at Poor House, Ordinance 20,692	39,389 52
Construction of Electric Light Plant at New City Hall, Ordinance 20,837	29,081 05
Construction of Electric Light Plant at Insane Asylum, Ordinance, 20,838	10,286 06
Contingent Fund	37,242 17
Contract and Other Deposits	192,603 36
Coroner	22,420 35
Costs and Legal Expenses	39,577 43
Court House—Repairs and Alterations	15,904 94
Court House—Salaries and Current Expenses	8,931 06
Courts	263,602 60
Election and Registration	116,959 61
Emergency Hospital	45,364 91
Equipping and Manning Engine House in World's Fair Grounds, Ordinance 21,353	3,444 70
Erection of New City Hall, Ordinance 15,558, etc.	25,307 43
Erection of New City Hospital, Ordinance 20,162	89,700 28
Erection of Electric Plant at Water Works, Ordinance 20,207, etc.	29,703 92
Erection of Elevators in New City Hall, Ordinance 20,828	3,260 37
Erection of New Buildings at Poor House, Ordinance 21,227	45 97
Erection of Fire Escapes at Emergency Hospital, Ordinance 21,218	1,119 00
Extension of Heating System at Emergency Hospital, Ordinance 21,342	4,632 25
Factory Inspection Department	5,611 45
Female Hospital	60,192 64
Fire Alarm Telegraph	69,230 56
Fire Department	783,783 45
Firemen's Pension Fund	9,215 30
Four Courts Building, Repairs and Alterations	3,434 32
Four Courts Building, Salaries and Current Expenses	13,814 75
Fund for Numbering Houses	1,849 80
Garbage Hauling Plant	51,092 00
Garbage Investigation Commission, Ordinance 21,206	2,400 00
Harbor and Wharf, Salaries and Current Expenses	12,547 48
Harbor and Wharf, Special Fund	479 55
Harbor Boat	14,932 70
House of Refuge	55,666 54
House of Refuge Bakery	10,112 78
Improvements and Alterations of Four Courts Building, Ordinance 20,834	507 96
Improvements of Concourse Drive and Pagoda Lake in Forest Park, Ordinance 21,111	2,490 80
Insane Asylum	127,097 42
Inspector of Weights and Measures	8,148 94
Installation of Boilers at Insane Asylum, Ordinance 20,777	139 00
Insurance	6,076 95
Interest Account	932,060 18
Jail	41,148 39
Judgments	66,983 47
Jury and Witness Fees	56,999 80
Jury Commissioner	19,656 58
Kingshighway Boulevard Commission Fund	649 00

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Law Department			$ 20,258 58
License Collector			36,091 17
Lighting Public Buildings			72,324 10
Lighting Streets, Alleys, Parks and Public Places			551,759 84
Making Back Tax Books and Bills			3,000 00
Markets			7,304 08
Marshal's Office			28,200 01
Mayor's Contingent Fund			10,000 00
Morgue			4,383 82
Municipal Assembly			38,213 09
New City Hall, Furnishing			1,394 57
New City Hall, Repair and Alterations			10,659 65
New City Hall, Salaries and Current Expenses			27,054 96
Office Expenses for Mayor, Comptroller, Auditor, Register and Treasurer			3,968 55
Opening Street Expenses			6,860 13
" Alley in Block 3762	Ordinance	17,366	30 00
" Alley in Block 3785	"	18,360	42 00
" North Market Street	"	18,490	48 00
Widening Ashland Avenue	"	18,597	305 00
Opening Alley in Block 4576	"	18,693	75 00
" " " 3792	"	19,369	20 00
" " " 3793	"	19,370	66 10
" " " 3798	"	19,371	16 05
" " " 4913	"	19,373	80 00
" " " 4522	"	19,405	50 00
" " " 3797	"	19,414	15 90
" " " 4525	"	19,415	420 00
" " " 4531	"	19,416	100 00
" " " 3794	"	19,529	32 50
" " " 3796	"	19,583	12 50
" " " 4914	"	19,584	15 00
" " " 3795	"	19,687	25 00
Widening Alley in Block 3690 and 3691	"	19,799	5 00
Opening Alley in Block 3805	"	19,862	475 00
" " " " 1453	"	20,049	168 50
Widening Alley in Block 821N	"	20,057	27 00
Opening Donovan Avenue	"	20,059	3,125 00
" Alley in Block 4530	"	20,224	40 00
" Sullivan Avenue	"	20,347	1,037 00
Widening Broadway	"	20,404	70 00
Opening Alley in Block 3716	"	20,431	43 75
Widening St. Louis Avenue	"	20,467	623 50
Opening Alley in Block 3618	"	20,470	52 50
Widening Broadway	"	20,487	847 00
" Alley in Block 4925	"	20,496	34 75
Opening Alley in Block 3644B	"	20,497	37 50
" Tyler Avenue	"	20,498	169 25
" Alley in Block 1517	"	20,586	70 00
" " " 4057	"	20,590	80 00
" " " 3829	"	20,592	654 15
" Seventh Street	"	20,612	722 00
" Columbia Avenue	"	20,651	947 50
" Alley in Block 2472	"	20,672	2 00
" " " 2955	"	20,674	24 71
" Ninth Street	"	20,675	950 00
" Alley in Block 2953	"	20,718	99 00
" " " 2967	"	20,944	180 00
" " " 3311	"	20,945	597 40
" Tamm Avenue	"	20,946	427 00
Widening Kingshighway	"	21,050	14,614 35
Opening Alley in Block 2486	"	21,051	859 16
" " " 3778	"	21,052	1,432 12
" Tamm Avenue	"	21,146	12,194 80
" Gimblin Street	"	21,147	4,174 50
" Alley in Block 3775	"	21,148	2,904 50
" " " 3919E	"	21,169	554 00
" " " 4877	"	21,319	1,090 90
" " " 2992B	"	21,350	547 50
Park Commissioner			9,569 01
Benton Park			2,655 11
Carondelet Park			9,295 52
Carr Square			2,375 43
Forest Park			51,011 88
Forest Park Boulevard			118 17
Fountain Park			1,387 72
Gamble Place			836 63
Gravois Park			1,079 28
Hyde Park			2,498 98
Jackson Park			1,251 72
Kenrick Garden			814 57

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Laclede Park			$ 999 91
Lafayette Park			6,000 00
Lyon Park			1,682 55
O'Fallon Park			10,166 54
St. Louis Place			5,131 11
South St. Louis Square			787 31
Tower Grove Park			25,000 00
Washington Square			3,773 89
Pay Roll Account Special Fund			2,805 98
Plumbing Inspection Department			13,502 02
Police Salaries, Board of Commissioners, Chief, etc.			1,378,634 24
Police, All Others Salaries and Current Expenses			199,764 27
Poor House			142,302 34
Poor House Bakery			25,835 85
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer			24,177 38
Public Library—Special Fund			181,585 18
Purchase of Emergency Hospital	Ordinance	21,171 and 21,216	44,666 65
" Engine House No. 6	Ordinance	21,229	35,000 00
" Engine House No. 40	"	21,230	53,000 00
" Lots and Erection of Engine House	"	21,320	6,000 00
" Lots and Erection of Engine House	"	21,327	5,500 00
Quarantine and Smallpox Hospital			22,950 78
Real Estate Account			3,114 99
Reconstruction of Drinking Fountain at Third and Washington Avenue. Ordinance, 20,819			600 00
Recorder of Deeds			50,368 74
Redemption of Bonds			191,090 00
Reduction of Garbage			86,666 64
Relief of William Desmond	Ordinance	19,716	971 30
" Excelsior Hauling and Transfer Company	"	21,418	42,400 00
" St. Louis Sanitary Company	"	21,419	43,333 36
Removal of Garbage			84,800 00
Repairs of the Dykes, Wharf and River Bank			13,111 49
Repairing Laundry Building at Insane Asylum	Ordinance	21,130	477 40
Repairs, Alterations and Improvements in Forest Park	"	21,286	4,513 74
Retained Percentage Contract No. 2720			16,646 41
" " " No. 6296			431 85
" " " No. 6297			2,322 51
" " " No. 6430			377 95
Salaries and Expenses of Deputy Sheriffs, Strike 1900			3,893 82
Salaries of Mayor, Comptroller, Auditor, Register, Treasurer and Employes			85,082 49
Scales			3,536 88
Scavenger Dumps, Construction and Repairs			2,995 72
" " Salaries and Current Expenses			6,742 35
Sewer Contract Account			141,338 75
Sewers, Public			26,572 17
" Salaries and Current Expenses			139,449 83
Smoke Abatement Department			7,425 85
Special Taxes, Constructing Arsenal Street Sewer	Ordinance	20,546	2,000 00
" " Reconstructing Leonard Avenue	"	20,624	557 75
" " Constructing Sewer in Tower Grove Joint Sewer District, Ordinance 20,778			30,000 00
" " Constructing Sewer in Rock Springs Joint District Sewer, Ordinance 20,779			25,000 00
" " Reconstructing Cherokee Street	Ordinance	20,782	37 00
" " " Broadway	"	20,843	1,471 00
" " " Eighth Street	"	20,851	1,142 24
" " " Twentieth Street	"	20,854	529 61
" " " Spruce Street	"	20,879	218 00
" " " Ninth Street	"	20,881	185 00
" " " Magnolia Avenue	"	20,890	176 78
" " Constructing Sidewalks on Louisiana Ave	"	21,056	403 67
" " Reconstructing Jefferson Avenue	"	21,066	384 00
Sprinkling, Plug System	"	20,870	9,647 28
Sprinkling Streets			189,323 96
Street, Bridges and Culverts, Contract Account			12,668 36
" " " Miscellaneous and Repairs			45,628 64
Street Cleaning, Block System			98,988 40
" " Floating Dumps			9,739 74
" " Labor and Carts			268,354 50
" " Stone, Wood Block and Asphaltum Pavements			170,544 61
" Commissioners Department			52,948 94
" Grades and Surveys			9,969 92
" Repairs, Macadam and Other Material			156,498 73
" " Miscellaneous Expenses			85,851 80
" " Reconstructed Streets			98,238 26
" " Salaries			22,291 60
" Special and Temporary Service			106,428 96

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Temporary Deposits to pay Special Taxes			$ 1,203 84
Treasury Warrants, Old, Prior to 1870			3 00
" Note, Issue of 1873			4 00
Unclaimed Allowance on Estates, Sec. 237 R. S., 1899			41 53
Water Pipe—Contract Account			258,641 53
Water Meters	Ordinance	20,869	14,808 75
Water Works			614,810 71
" " Costs and Legal Expenses			6,195 33
" " Extension, Salaries and Current Expenses			18,857 57
" " Ex. Pumping Engines Nos. 6 and 7	Ordinance	17,263	1,060 00
" " Ex. Revetment of River Bank Chain of Rocks	"	19,004	999 02
" " Pumping Engines High Service Station No. 3.	"	19,630 and 21,198	122,122 56
" " Purchase of Real Estate	"	20,397	9,000 00
" " Erection of Buildings for Pipe Yard	"	20,774	14,023 22
" " Boiler Plant at H. S. Pumping Station No. 1.	"	18,994 and 20,237	32,836 75
" " Erection of Machine Shop, etc., and Reconstruction of Boiler House Roof at H. S. Station No. 1	"	20,392	14,721 31
" " Boiler Plant at H. S. Station No. 2	"	20,655	2,276 98
Witness and Other Fees—Special Fund			107 40
Witness and Other Fees—Criminal Cases			21,897 60
Work House			63,410 60
			10,705,852 98
By amount overpaid on voucher No. 528—Street Sprinkling			6 00
			10,705,858 98
Amount of Warrants Unpaid at the Beginning of the Fiscal Year			234,779 89
			10,940,638 87
Less Amount of Warrants Unpaid at the End of the Fiscal Year		$240,203 47	
" " " " Cancelled		879 03	
" " " " Floating		122,992 55	
			364,075 05
Amount of Warrants Paid and Returned by Treasurer During Fiscal Year			10,576,563 82
Cash Balance in Treasury at the Close of the Fiscal Year, April 11, 1904			7,423,195 96
Total			$ 17,999,759 78

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DETAILED STATEMENT OF EXPENDITURES.

TREASURER, CR.

By Warrants Drawn During the Fiscal Year Against the Following Accounts:

Alteration and Reconstruction of Engine House No. 40. Ordinance, 21,071			$23,423 84
Assessment Revenue—			
Salaries of President and Employes		$47,650 82	
" District Assessors		18,000 00	
" Temporary Clerks		997 50	
" Board of Equalization		672 00	
Book Binding, Books, etc.	$1,081 00		
Printing and Stationery	908 48		
Postage	548 00		
City Directory and Maps	104 50		
Furniture and Repairs	54 50		
Telephone and Clock Rent	125 00		
Advertising	311 15		
Carriages Civic Parade	80 00		
		3,212 63	
Buggy Hire		63 00	
			70,595 95
Assessor and Collector of Water Rates—			
Salaries of Assessor and Employes		57,483 51	
Horse Board	934 38		
Horse Shoeing	130 00		
Veterinary Service and Horse Clipping	100 50		
Harness and Vehicle Repairs	69 65		
Printing and Stationery	2,441 53		
Car Tickets	750 00		
Postage	725 00		
City Directory	12 00		
Furniture and Repairs	399 87		
Badges and Caps	31 30		
Soap, Matches, etc	52 47		
Horse and Vehicle Hire, Carriages	75 00		
Clock and Telephone Rent	320 18		
Correcting Insurance Maps	151 75		
		6,193 63	
Horses		150 00	
New Wagons and Harness		237 00	
			64,064 14
Board of Engineers and Boiler Inspectors—			
Salaries of Inspector, Deputies, Clerks, and Members of Board		9,416 00	
Horse Board	713 61		
Horse Shoeing	74 15		
Harness and Vehicle Repairs	257 40		
Veterinary Service and Horse Clipping	9 00		
Printing and Stationery	622 50		
Postage	100 00		
Car Tickets	375 00		
City Directory	6 00		
Telephone Rent	125 00		
Apparatus Repairs	24 16		
Furniture and Repairs	99 80		
Rent of Typewriter and Copying Records	187 25		
Seals, Candles, etc	9 40		
Awning and Repairs	9 60		
		2,612 87	
Horses		150 00	
New Harness		53 75	
			12,232 62
Board of Health and Commissioners—			
Salaries of Commissioner and Members of Board		17,870 73	
Horse Board	197 92		
Horse Shoeing and Veterinary Service	42 35		
Horse, Vehicle and Carriage Hire	273 00		
Harness and Vehicle Repairs	91 20		
Car Tickets	115 00		
Postage	256 00		

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Typewriter Repairs and Supplies	$ 24 85		
Matches, Soap, Towels, etc.	359 95		
City Directory	12 00		
Telephone Rent	273 57		
Furniture and Repairs	211 42		
Printing and Statoinery	2,135 30		
Traveling Expenses, Express Charges and Telegrams	121 09		
Salaries of Stenographer	35 00		
Carpenter Work, Moving Stove, etc	226 71		
Coffins	35 00		
		$ 4,409 36	
City Chemist—			
Apparatus, Chemicals, Medical Books, etc	1,086 18		
Printing and Stationery	192 40		
Car Tickets	50 00		
Postage	41 00		
Telephone Rent	161 86		
Gas, Electric Light and Ice	217 86		
Towels and Washing	38 85		
Soap, Matches, Mops, etc	21 31		
Cleaning Rooms	18 25		
Water Cooler and Filter	25 92		
Furniture and Repairs	46 25		
City Directory	6 00		
Fuel	48 59		
Hardware, Electric Bells, etc	12 00		
Salaries of Chemist, Inspector and Clerks	10,332 07		
Horse Board	705 35		
Horse Shoeing	114 25		
Harness and Vehicle Repairs	144 70		
Veterinary Service, Medicine and Clipping	6 25		
Janitor	746 00		
Horse Covers	10 62		
		14,025 71	
Equipment of Office		295 35	
Sanitary Division—			
Salaries of Sanitary Officers, Inspector, Fumigators, etc		49,968 38	
Horse Board	5,164 18		
Horse Shoeing	724 45		
Harness and Vehicle Repairs	1,735 49		
Veterinary Service and Horse Clipping	134 55		
Printing and Stationery	1,732 70		
Postage	360 00		
Car Tickets	1,780 00		
Soap, Matches, Brooms, Dusters, etc	38 44		
Furniture and Repairs, Washing Towels	170 60		
Gas, Fuel and Ice	405 31		
Forage, Horse and Vehicle Hire	65 92		
City Directory and Telephone	18 50		
Typewriter and Repairs	8 10		
Carpenter Work	18 70		
Caps, Shirts, etc., for Fumigators	16 00		
Prepairing Statistics	10 00		
Hose	31 00		
Subscription	4 00		
Disinfectant, Sulphur, Acid, Alcohol, etc	12,564 63		
Boxes	47 50		
Copper, Cans, Funnels, Shovels, etc	296 27		
Generators	750 00		
		26,076 34	
Horses, Wagons and Harness		580 00	
Vaccine Virus		973 67	
Bacteriological Division Office Expense and Rent		5,749 00	
Bills Unpaid at Beginning of Fiscal Year		135 38	
			$ 120,083 92
Board of Public Improvements, President's Department—			
Salaries of President, Secretary and Employes		32,243 46	
Salaries of Temporary Clerks, Special Tax Bills		3,410 80	
Salaries of Draughtsmen, Ordinance 21,127		4,996 00	
Salaries of Draughtsmen, " 20,554		3,343 44	
Salary of Chief Inspector, " 18,377		1,200 00	
Advertising	6,401 54		
Printing and Stationery	2,226 45		
Postage	75 00		
Car Tickets	100 00		
Clock and Telephone Rent	453 95		
Furniture and Repairs	247 90		
City Directory	18 00		

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Draughtsmen's and Surveyors' Supplies and Repairs	$ 154 62		
Horse Board	264 65		
Typewriter and Supplies	112 00		
Soap, Wrapping Paper, etc.	7 96		
Extra Draughtsmen	220 00		
Transcripting and Indexing	737 50		
Float, Flowers, etc., Civic Parade and Traveling Expenses	568 92		
Stenographer	35 00		
Testing Machine and Time Stamps	79 75		
		$ 11,703 24	
Bills Unpaid at Beginning of Fiscal Year		291 83	
			$ 57,188 77
Catching and Killing Dogs			4,999 50
City Dispensary—			
Salaries of Physicians, Assistants, Drivers, etc		17,739 10	
Charity Prescriptions	81 56		
Surgical Instruments, Supplies and Repairs	142 60		
Drugs, Medicine, Bandages and Blankets	2,002 43		
Printing and Stationery	508 79		
Car Tickets	290 00		
Postage	45 00		
Horse Board	7,170 08		
Horse Shoeing and Clipping	1,759 69		
Harness and Vehicle Repairs	2,975 30		
Furniture and Repairs	454 44		
Fuel and Gas for Fuel	520 65		
Soap, Matches, Dusters and Brooms	98 47		
Telephone Rent	233 50		
New Harness and Blankets	387 58		
Clothing, Caps, Shirts and Badges	30 00		
Hauling Rubbish and Manure	56 00		
Ice	173 78		
Wages of Temporary Keep	2,549 39		
Repairing Filter	3 30		
Towels and Washing	114 75		
Veterinary Service, Forage, Iron Feed Boxes	547 59		
Ambulance Lamps and Carriage Heaters	86 70		
Coffins	13 50		
		20,245 10	
Branch Dispensaries		7,190 32	
Physicians Temporarily Employed		5,714 20	
Rent of Rooms		1,399 92	
Horses		990 00	
New Ambulances		848 00	
			54,126 64
City Hall Repairs and Alterations—			
Carpentry and Locksmithing		201 03	
Plumbing		475 97	
Painting, Glazing, Plastering, etc.		659 70	
Repairing Roof, Guttering, etc		260 89	
Bills Unpaid Beginning of Fiscal Year		48 75	
			1,646 34
City Hall—Salaries and Current Expenses			
Salaries of Janitor and Watchman		600 00	
Awnings and Flags		37 25	
Night-Alarm Service		60 00	
Hauling Ashes and Rubbish		85 44	
Framing Notices		5 00	
			787 69
City Hospital—			
Salaries of Superintendent and Employes		35,431 85	
Groceries and Provisions	15,706 33		
Meat and Fish	11,094 73		
Ice	1,433 22		
Bread	3,022 30		
Milk	7,270 00		
Vegetables and Fruit	1,108 40		
Fuel and Gas	7,891 86		
		47,526 84	
Drugs and Medicines	5,641 45		
Surgical Instruments	1,111 63		
Whiskey and Wine	108 42		
Crinoline and Material for Bandages	1,328 70		
Crystal Water	1 95		
		8,192 15	
Dry Goods, Clothing and Bedding	4,930 90		
Household Goods	363 62		
Furniture and Repairs	343 97		
Glassware and Chinaware	104 34		
Hardware	448 59		

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Brogans, Slippers, Straps, etc.	$ 914 05		
Soap, Sponges, Bluing, Lye, etc.	2,266 39		
Brooms, Buckets, Brushes, Mops, etc.	635 04		
Awnings and Tents	76 39		
Disinfectant and Exterminators	206 87		
Electric Fans and Repairs	152 75		
New Range, etc.	337 35		
Repairs on Stove Range and Washing Machine	207 48		
		$ 10,987 74	
Forage	496 36		
Horse Shoeing	107 15		
Horse Bedding and Stable Supplies	36 03		
Gardener's Tools and Supplies	11 50		
Harness and Vehicle Repairs	255 40		
Printing and Stationery	683 37		
Postage	101 00		
Car Tickets	150 00		
Telephone Rent	20 00		
Lumber for Coffins	249 55		
Hauling Ashes	153 75		
Engineers' Supplies	198 81		
Repairing Wagon Scales and Inspection	6 00		
Dump Tickets	44 55		
Carriage Hire	45 00		
		2,558 47	
Labor and Material for Repairs to Buildings, Machinery and Steam Heating Apparatus —			
Paint, Oil, Turpentine, White Lead, etc	309 61		
Hardware	112 94		
Lumber	210 86		
Lime, Sand, Cement and Roofing Material	60 86		
Plumbing and Steam Fitting	535 38		
Laundry and Machinery Repairs	380 08		
		1,609 73	
Rent of Temporary Quarters		12,000 00	
Bills Unpaid at Beginning of Fiscal Year		2,009 18	
			$ 120,315 96
Clarifying and Purifying Water Supply—			
Wages of Laborers		45,210 33	
Printing and Stationery		12 25	
Hardware, Rope, etc.		774 73	
Lumber and Roofing Material		2,214 53	
Iron Castings, Pipe, Wire and Copper		9,722 30	
Tools and Repairs		873 84	
Engine and Boiler		1,875 00	
Derricks		661 20	
Rent of Crusher and Hoisting Engine		916 00	
Soap, Oil, etc.		251 49	
Freight and Switching Charges		57 91	
Sand, Lime, Cement, Brick, Granite, etc.		11,987 57	
			74,557 15
Cleaning Levee and Removing Obstructions—			
Wages of Laborers		10,887 02	
Brooms, Hoes, etc.		12 85	
			10,899 87
Commissioner of Public Buildings —			
Salaries of Commissioner, Deputies, Inspectors, Clerks and Draughtsmen		24,115 85	
Salary of Local Superintendent		3,090 00	
Horse Board	1,695 40		
Horse Shoeing	169 84		
Horse Clipping and Veterinary Service	53 75		
Harness and Vehicle Repairs	515 30		
Printing and Stationery	469 73		
Postage	129 00		
Car Tickets	275 00		
Draughtsmen's Supplies and Repairs	46 10		
City Directory	6 00		
Furniture and Repairs	157 02		
Telephone Rent	202 91		
Typewriter and Repairs	50		
Stenographic Services	61 80		
Inspecting Theatre Curtains	5 00		
Whipple Insurance Maps	86 00		
Traveling Expenses	81 64		
Flags, Bunting, Carriages, etc., Civic Parade	34 40		
		3,989 39	
Horses, New Buggies and Harness		350 00	31,545 24
Commissioner of Supplies			
Salaries of Commissioner, Deputy and Clerks		11,836 01	

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Advertising	$3,699 88		
Printing and Stationery	1,170 85		
Postage	314 00		
Clock and Telephone Rent	255 50		
Car Tickets	100 00		
City Directory	12 00		
Harness and Vehicle Repairs	12 05		
Horse Board	237 05		
Veterinary Service and Horse Shoeing	29 50		
Hardware, Drugs, Scales, etc.	64 15		
Furniture and Repairs	292 80		
New Harness, Blankets, Lap Robe, Whip, etc.	18 85		
Typewriter and Supplies	11 00		
Awnings, Flags, etc.	7 50		
Metallic Filing Case	567 78		
Lumber	49 70		
		$6,842 61	
Bills Unpaid at Beginning of Fiscal Year		325 30	
			$19,003 92
Comparison of the Delinquent Street Sprinkling Special Tax Bills. Ordinance 21,192			365 00
Concerts in Public Parks—			
Lights		185 00	
Music		5,569 00	
Platforms		32 00	
			5,786 00
Construction of Hospital Building at Poor House. Ordinance 20,692—			
Labor and Material Contract No. 6356		36,100 92	
Heating and Ventilating Apparatus		2,323 00	
Laying Sewer Pipes		100 00	
Plumbing		391 30	
Moving and Replacing Steam Pipes in Tunnel		123 26	
Granitoid Floors		298 00	
Repairing Steam Pipe		53 04	
			39,389 52
Construction of Electric Light Plant at New City Hall. Ordinance No. 20,837—			
Furnishing and Setting Up Dynamos, Switch Boards, Transformers and Meters		12,750 00	
Constructing Conduit		2,092 54	
Iron Beams		46 50	
Brick Work, etc., in Engine Room		55 80	
Steam Connections		436 51	
Three New Engines		13,453 00	
Running Cable and Setting Transformers		246 70	
			29,081 05
Construction of Electric Light Plant at Insane Asylum. Ordinance No. 20,838—			
Addition to Engine Room		257 00	
Automatic Engine		3,829 28	
Dynamos, Switch Boards, and Meters		5,403 69	
Constructing Pole Line to No. 35 Engine House, Poor House and Female Hospital		456 09	
Changing Switch Board and Wiring		340 00	
			10,286 06
Contingent Fund—			
Salaries of Investigating Committees		1,500 00	
Care of Foundlings—			
St. Ann's Widows' Home, Infant Asylum and Lying-in Hospital	4,663 13		
Bethesda Foundling Home	5,921 08		
St. Louis Colored Orphans' Home	219 34		
		10,803 55	
Support of Indigent Pupils at the Deaf and Dumb Asylum at Fulton, Missouri		447 55	
Support of Girls at State Industrial Home for Girls at Chillicothe, Missouri		657 01	
Support of Boys at Reform School at Boonville, Mo.		14,106 59	
State Hospital for Insane No. 2, St. Joe, Mo.		140 25	
Humane Society of Missouri		157 50	
Probationary System for Juvenile Delinquents—			
Salaries and Expenses		3,108 55	
National Grand Armory—			
Taxes		947 65	
Fuel	73 17		
Light	1,203 70		
Salaries of Janitors	1,440 00		
		2,716 87	

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Light Battery "A"—			
Janitors	$ 1,856 50		
Light and Fuel	730 85		
Water	21 50		
		$ 2,608 85	
Bills Unpaid at Beginning of Fiscal Year		47 80	
			$ 37,242 17
Contract and Other Deposits—			
Sundry Special Deposits Withdrawn			192,603 36
Coroner—			
Salaries of Coroner, Deputies, Clerks and Stenographer		11,181 85	
Printing and Stationery	317 79		
Postage	5 00		
Horse Board	438 66		
Horse Shoeing and Veterinary Service	59 00		
Horse and Vehicle Hire	39 00		
Telephone Rent	221 60		
City Directory and Maps	13 50		
Furniture and Repairs	179 95		
Typewriter and Repairs	102 75		
Vehicle and Harness Repairs	144 00		
Carpentry and Locksmithing	19 85		
Crystal Water	2 22		
Alcohol, Instruments and Supplies	156 58		
		1,699 90	
Horses		175 00	
Jury and Witness Fees	3,098 60		
Coffins and Expenses of Burial	1,265 60		
Post Mortem Examinations	5,000 00		
		9,363 60	
			22,420 35
Cost and Legal Expenses—			
Misdemeanor Cases—			
Fee Bills, Costs in Circuit Court, Criminal Causes	2,827 60		
Fee Bills, Costs in Court of Criminal Correction	10,555 30		
Sheriff's Fees	13,115 10		
Meals Furnished Jurors and Mileage	131 75		
Witnesses	1,466 05		
Indictments, Transcripts, and Filing Fees	32 25		
Fee Bills, Costs in Juvenile Court	952 95		
Sheriff's Fees, Juvenile Court	194 70		
Docket Fees	70 00		
Expert Testimony	40 00		
Professional Services	40 00		
Mileage, Taking Boys to Reform School Boonville	306 50		
		29,732 20	
Civil Cases—			
Costs, City Plaintiff	592 70		
Costs, City Defendant	664 10		
Printing Briefs, Copies of Opinions, Transcripts	1,672 23		
Printing and Stationery	1,014 45		
Express Charges and Telegrams	20 41		
Traveling Expenses	442 05		
Telephone	7 55		
Expert Testimony and Notary Fees	159 00		
Witness Fees	2 50		
Taking Depositions and Furnishing Addresses	128 02		
Special Jury	658 91		
Docket Fees	20 00		
Professional Services	1,125 00		
Title Guaranty Company	150 00		
Stenographic Work	203 85		
Advertising	81 01		
		6,941 78	
Bills Unpaid at Beginning of Fiscal Year		2,903 45	
			39,577 43
Court House Repairs and Alterations—			
Carpenter Work and Locksmithing	188 80		
Plumbing and Repairs	247 51		
Glazing	32 70		
Plastering and Whitening	242 00		
Painting and Papering	116 25		
Repairing Roofs and Down Spouts	367 77		
Repairing Heating Apparatus	124 91		
Smoke Stack	180 00		
		1,499 94	
Special Appropriations—			
Repairing and Construction of Heating Apparatus	992 00		
Carpenter Work, Court Room and Jury Room	706 77		
Alterations, Court Room	2,679 00		

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Repairs to Sheriff's Office	$ 9,195 17		
Papering Court Room	277 00		
Superintendent of Work	150 00		
		$ 13,999 94	
Smoke Consumer		300 00	
Bills Unpaid at Beginning of Fiscal Year		105 06	
			$ 15,904 94
Court House Salaries and Current Expenses—			
Salaries of Janitors, Engineers and Watchmen		5,239 83	
" Assistant Engineer		402 58	
" Firemen		933 87	
Awning and Repairs	81 65		
Fuel	1,399 99		
Ice	182 68		
Hauling Ashes	214 29		
Towels and Washing	140 65		
Sawdust, Soap, Matches, Buckets, etc.	200 71		
Disinfectant	15 00		
Engineers' Tools and Supplies	106 81		
Night Watch Signal Service	60 00		
Framing Notices	13 00		
		2,354 78	
			8,931 06
Courts—			
Circuit Court—			
Salaries of Judges, Stenographers and Janitors		54,103 90	
Sheriff's Attendance		12,125 70	
Printing and Stationery	2,132 08		
Furniture and Repairs	3,400 58		
City Directory and Maps	60 00		
Telephone and Clock Rent	464 42		
Painting, Papering and Whitening	960 60		
Typewriter and Repairs	338 00		
Electric Fans and Wiring	310 10		
Law Books	246 50		
Clerk's Petty Office Expense	90 42		
Advertising	72 75		
Metallic Office Equipment	14,385 00		
Book Binding	268 00		
		22,728 45	
Probate Court—			
Sheriff's Attendance		1,045 20	
Printing and Stationery	1,002 70		
Furniture and Repairs	80 25		
Telephone, Typewriter Supplies and City Directory	81 35		
Postage	10 00		
Book Binding, Moving Iron Boxes and Cases	343 85		
Index Clerk Under Ordinance No. 20,239	600 00		
		2,118 15	
Circuit Court, Criminal Causes—			
Salaries of Judges, Clerks, Circuit and Assistant Circuit Attorney and Reporter		23,456 42	
Sheriff's Attendance		10,396 15	
Printing and Stationery	1,342 40		
Postage	38 75		
Furniture and Repairs	394 18		
Carriage Hire and Telegrams	12 00		
City Directory and Telephone Rent	198 25		
Carpenter Work, Plumbing and Electric Fans	92 30		
Law Books	42 50		
Water Cooler, Filter and Mineral Water	31 10		
Typewriter and Repairs	7 00		
Certified Copies	6 50		
		2,164 98	
Contingent Expenses of Circuit Attorney		688 24	
Court Criminal Correction—			
Salaries of Judge, Prosecuting and Assistant Prosecuting Attorney		9,999 84	
Sheriff's Attendance		1,966 80	
Printing and Stationery	1,066 42		
City Directory	6 00		
Furniture and Repairs	377 85		
Telephone Rent	220 00		
Typewriter Repairs and Supplies	75 00		
Postage	50 00		
Painting, Papering and Whitening	11 85		
Stenographer	831 85		
Law Books	36 50		
Electric Fans and Repairs	9 45		
Disinfectant	15 00		
		2,699 92	

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Book Case		$ 90 00
Set of Reports from Supreme Court and Court of Appeals		520 00
Special Appropriation —		
New Case and Desk		357 75
First District Police Court—		
Salaries of Judge, Attorney and Clerk	$ 8,147 80	
Printing and Stationery	516 55	
Fuel and Ice	195 70	
Postage	6 00	
Furniture and Repairs	290 90	
Carriage Hire	50 00	
Telephone	7 90	
		9,214 85
Second District Police Court—		
Salaries of Judge, Attorney, Clerk and Janitor	6,079 04	
Printing and Stationery	258 45	
Brooms, Mops and Washing Towels	8 00	
Postage	5 00	
Furniture and Repairs	72 05	
Carpenter Work	85 00	
Telephone	6 30	
		6,513 84
Police Court South of Arsenal Street —		
Salaries of Judge, Attorney, Clerk and Janitor	2,737 73	
Printing and Stationery	55 72	
City Directory	6 00	
		2,799 45
Juvenile Court—		
Sheriff's Attendance		144 00
Car Fare	9 20	
Steel Casement	129 75	
Printing and Stationery	108 20	
Furniture and Repairs	164 50	
Conveying Prisoners	365 15	
		776 80
Justice of the Peace Courts—		
First District—		
Salaries of Justice, Constables and Clerk	7,299 96	
Printing and Stationery	242 48	
Postage	76 00	
Furniture and Repairs	46 09	
City Directory	6 00	
Law Books	12 50	
Rent	720 00	
Painting	34 00	
		8,437 03
Second District—		
Salaries of Justice, Constables and Clerk	7,299 96	
Printing and Stationery	57 25	
Electric Light and Power	20 20	
Rent	840 00	
Electric Fans	37 50	
		8,254 91
Third District—		
Salaries of Justice, Constables and Clerk	7,299 96	
Printing and Stationery	35 72	
Postage	147 35	
Furniture and Repairs	31 00	
Rent	840 00	
City Directory	6 00	
		8,360 03
Fourth District—		
Salaries of Justice, Constable and Clerk	7,299 96	
Printing and Stationery	210 15	
Postage	117 15	
Furniture and Repairs	25 00	
City Directory	6 00	
Ice	14 10	
Awnings	4 00	
Rent	975 00	
Water Cooler and Filter	14 50	
		8,665 86
Fourth District No. 2.—		
Salaries of Justice, Constables and Clerk	7,299 96	
Printing and Stationery	167 58	
Postage	146 00	
Furniture and Repairs	12 85	
City Directory	6 00	
Ice	14 35	

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Rent	$ 900 00		
Awnings	38 50		
		$ 8,585 24	
Fifth District No. 1.—			
Salaries of Justice, Constable and Clerk	7,299 96		
Printing and Stationery	125 67		
Postage	111 00		
Furniture and Repairs	127 35		
City Directory	6 00		
Ice	19 80		
Water Cooler and Filter	6 50		
Typewriter and Repairs	62 75		
Rent	900 00		
Law Books	12 50		
		8,671 53	
Fifth District No. 2.—			
Salaries of Justice, Constable and Clerk	7,258 27		
Printing and Stationery	203 75		
Postage	150 00		
Furniture and Repairs	66 75		
City Directory	6 00		
Ice and Coal	14 70		
Rent	715 00		
Electric Light	21 22		
		8,435 69	
Sixth District—			
Salaries of Justice, Constables and Clerk	7,299 96		
Printing and Stationery	174 75		
Postage	66 75		
Furniture and Repairs	83 70		
City Directory	6 00		
Rent	605 00		
Awnings and Repairs	6 00		
		8,242 16	
Seventh District—			
Salaries of Justice, Constables and Clerk	7,299 96		
Printing and Stationery	121 51		
Postage	39 40		
Furniture and Repairs	65 38		
City Directory	12 00		
Awnings and Repairs	9 00		
Rent	660 00		
Signs	2 50		
		8,209 75	
Eighth District—			
Salaries of Justice, Constables and Clerk	7,299 96		
Printing and Staionery	265 64		
Postage	133 80		
Furniture and Repairs	114 10		
City Directory	6 00		
Awnings	13 00		
Rent	715 00		
Signs	19 00		
		8,566 50	
Ninth District—			
Salaries of Justice, Constables and Clerk	7,299 96		
Printing and Stationery	202 65		
Postage	34 80		
City Directory	6 00		
Furniture and Repairs	81 87		
Carpenter Work	13 98		
Rent	900 00		
Awnings	9 00		
		8,548 26	
Bills Unpaid at Beginning of Fiscal Year		6,715 20	
			263,602 60
Election and Registration—			
Salaries of Election Commissioners and Assistants		30,147 39	
Salaries of Judges and Clerks of Election		58,480 00	
Rent of Registration and Polling Places		10,383 00	
Printing and Stationery	7,542 70		
Furniture and Repairs	64 85		
Oil, Paste, Brushes, Buckets, etc	5 30		
Soap, Towels, Brooms, etc	39 00		
City Directory	6 00		
Telephone Rent	219 81		
Lunches	20 00		
Car Tickets and Carriage Hire	45 00		
Badges and Straps	24 70		
		7,967 36	

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Delivering, Returning and Storing Booths and Tables	$ 2,988 45		
Repairing Boxes and Booths	307 75		
New Boxes and Booths	4,691 25		
Delivering and Returning Ballot Boxes	15 00		
Delivering Cards and Putting up Signs	218 40		
		$ 8,220 85	
Advertising and Postage		1,761 01	$ 116,959 61
Emergency Hospital—			
Salaries of Physicians and Employes		16,254 39	
Groceries and Provisions	5,599 83		
Meat and Fish	3,335 18		
Ice	699 74		
Bread	755 12		
Milk	2,145 53		
Vegetables and Fruit	483 65		
Fuel and Gas	1,637 76		
		14,656 81	
Drugs and Medicines	1,404 46		
Surgical Instruments and Supplies	921 49		
		2,325 95	
Dry Goods, Clothing and Bedding	2,142 90		
Household Goods	517 06		
Hardware, Glassware and Tinware	401 88		
Brooms, Matches, Buckets, Mops, etc	255 75		
Furniture and Repairs	116 45		
Soap, Salt, Starch, etc	532 52		
Disinfectant and Fire Extinguisher	300 00		
Electric Bells	24 00		
		4,290 56	
Printing and Stationery	184 67		
Postage and City Directory	28 50		
Oil, Hose and Engineers' Supplies	105 03		
Car Tickets	60 00		
Telephone Rent	10 00		
Hauling Ashes	67 66		
Typewriter and Supplies	106 75		
Lumber for Coffins	35 50		
Inspecting Scales and Repairs	1 00		
		599 11	
Labor and Material—			
Oils, Paints, Turpentine, etc	168 30		
Hardware and Screens	173 80		
Lumber	210 00		
Lime, Sand and Cement	6 80		
Plumbing and Steam Fitting	685 59		
Laundry and Machinery Repairs	72 50		
Repairing Gutters, Walls, etc	27 60		
Repairing Observation Ward	804 00		
Electric Repairs and Supplies	18 00		
Repairs to Elevator	71 50		
		2,238 09	
Rent of Pius Hospital		5,000 00	
			45,364 91
Equipping and Manning Engine House in World's Fair Grounds. Ordinance 21,353. Salaries of Foreman and Assistant, Engineer, Drivers, etc		1,650 00	
Horses and Harness		1,794 70	
			3,444 70
Erection of New City Hall. Ordinance 15,558, etc. Installing Electric Motors		846 00	
Draughtsmen Material		41 78	
Completion of Rotunda and 12th Street Entrance		24,419 65	
			25,307 43
Erection of New City Hospital. Ordinance 20,162—			
Salaries of Superintendent and Draughtsmen		3,093 02	
Printing and Stationery	12 31		
Work Done Under Contract No. 6079	11,784 33		
" " " " No. 6326	317 34		
" " " " No. 6325	9,000 00		
" " " " No. 6241	53,503 72		
" " " " No. 6327	4,951 79		
" " " " No. 6199	1,443 38		
" " " " No. 6201	304 64		
" " " " No. 6200	258 45		
Commissions Consulting Electrical and Mechanical Engineers	540 00		
Ice and Coal	21 29		
Supplies for Draughtsmen	425 66		
Stenographer and Rent of Typewriter	49 68		

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Work done Under Contract No. 6364	$ 197 06		
" " " " No. 6319	561 71		
" " " " No. 6667	3,064 50		
Traveling Expenses Investigating Material	99 40		
Telephone and Signal Service	72 00		
		$ 86,607 26	
			$ 89,700 28
Erection of Electric Plant at Water Works. Ordinance No. 20,207, etc.—			
Hardware and Electrical Supplies		310 07	
Generator and Pelton Water Wheel		1,101 83	
Roofing		22 50	
Lumber		163 45	
Building Coal Switch		28,106 07	
			29,703 92
Erection of Elevators, New City Hall. Ordinance No. 20,828—			
Electrical and Mechanical Engineering		111 16	
Rubber Mats for Elevator		111 65	
Uniforms for Elevator Conductors		21 56	
Work Done Under Contract No. 6366		3,016 00	
			3,260 37
Erection of Fire Escapes, Emergency Hospital. Ordinance No. 21,218			1,119 00
Erection of New Buildings at Poor House. Ordinance No. 21,227			45 97
Extension of Heating System at Emergency Hospital. Ordinance No. 21,342			4,632 25
Factory Inspection Department—			
Salaries of Inspectors and Deputies		5,099 96	
Printing and Stationery	129 99		
Postage	60 00		
Car Tickets	240 00		
Furniture and Repairs	1 50		
Telephone Rent	60 00		
Carriage Hire	10 00		
Typewriter and Repairs	10 00		
		511 49	
			5,611 45
Female Hospital—			
Salaries of Superintendent and Employes		21,895 86	
Groceries and Provisions	8,279 41		
Meat and Fish	5,284 40		
Bread	1,776 35		
Milk	2,974 61		
Ice	851 96		
Fuel and Gas	5,321 52		
Vegetables and Fruit	305 95		
		24,794 20	
Drugs and Medicines	2,807 00		
Surgical Instruments	752 54		
Crystal Water, Whiskey and Wine	51 18		
Disinfectant	30 00		
		3,640 72	
Dry Goods, Clothing and Bedding	1,415 51		
House Furnishing Goods	495 55		
Glassware and Kitchen Utensils	508 29		
Soap, Lye, Soda, Charcoal, etc	813 97		
Slippers	98 05		
Brooms, Matches, Combs, Brushes, etc	233 26		
Furniture and Repairs	193 11		
Filter Stone	6 00		
Exterminator	199 90		
Repairing Washing Machine	30 25		
Flags	5 05		
		3,998 94	
Forage	276 85		
Veterinary Service and Horse Shoeing	68 00		
Harness and Vehicle Repairs	5 50		
Car Tickets	60 00		
Postage	35 00		
Telephone Rent	5 00		
Lumber for Coffins	33 00		
Engineers' Tools, Supplies and Repairs	217 93		
Gardeners' Tools and Supplies	63 35		
City Directory	6 00		
Brick, Lime, Cement, etc	14 50		
Lumber for Fencing	12 25		
Inspecting Scales	4 00		
Printing and Stationery	352 21		
New Harness	25 00		

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Typewriter and Supplies	$ 20 00		
		$ 1,198 59	
Labor and Material for Repairs of Buildings—			
Paint, Oils, Glass, White Lead, etc	281 58		
Lumber and Mill Work	226 56		
Sand, Lime, Cement, etc	33 70		
Plumbing, Gas Fitting, Plastering, etc	394 40		
Hardware and Electrical Supplies	69 35		
Roofing and Down Spouts	68 00		
Steam Heating Apparatus and Machinery	140 19		
Pumps and Repairs	3 64		
		1,217 42	
New Steam and Hot Water Pipes		450 00	
Heating Apparatus Isolation Ward		246 00	
Erection of Isolation Ward		516 80	
Fire Extinguishers and Hose Reels		179 95	
Repairing Elevators and Radiators		278 50	
Brick Work Around Furnace		298 00	
Repairs to Cold Water Pumps		1,433 51	
Bills Unpaid at Beginning of Fiscal Year		44 15	
			$ 60,192 64
Fire Alarm Telegraph—			
Salaries of Superintendents and Employes		24,230 80	
Wages of Laborers on Old Lines	21,295 20		
Arms, Knobs, Brackets, Keys, etc	375 53		
Hardware and Carpenter Work	106 31		
Paint, Oil, Copper, Brushes, etc	202 85		
Instruments and Repairs	1,659 24		
Telephone and Clock Rent	583 35		
City Directory	6 00		
Towels and Washing	41 60		
Typewriter and Repairs	108 25		
Cables and Wires	187 00		
Laying Pipe	55 27		
Horse Board	2,743 08		
Horse Shoeing	364 88		
Horse and Vehicle Hire	10 00		
Harness and Vehicle Repairs	700 85		
Horse Clipping and Veterinary Service	37 00		
Printing and Stationery	220 11		
Postage	15 00		
Car Tickets	195 00		
Furniture and Repairs	171 90		
Hauling Poles	147 50		
Float for Civic Parade	275 00		
Carriage Hire	15 00		
New Buggy, Harness and Blankets	260 50		
Horses	335 00		
		30,111 42	
New Signal Boxes		6,998 00	
Underground Work—			
Material	55		
Laying Pipe	86 50		
Lead Lateral, Lead Sleeves and Cables	472 78		
Granitoid Repairs	154 00		
Alarm Boxes	1,250 00		
Wages of Laborers	1,948 98		
		3,912 81	
New Lines—			
Cross Arms	717 22		
Hardware and Iron Braces	320 00		
Wire	2,592 56		
Posts	337 50		
Hauling Poles	5 00		
Lumber	5 25		
		3,977 53	
			69,230 56
Fire Department—			
Salaries of Chief, Assistants, Engineers, Firemen and Drivers		608,653 05	
Fuel	14,899 39		
Ice	800 49		
Horse Shoeing	10,290 37		
Veterinary Service and Medicine	1,882 04		
Harness, Repairs and Supplies	2,996 62		
Apparatus Repairs and Supplies	22,141 51		
Lanterns and Repairs	167 25		
Hardware	976 83		
City Directory	6 00		
Forage and Bedding	27,857 80		
Disinfectant and Exterminator	239 50		

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Printing and Stationery	$ 485 14		
Clock and Telephone Rent	159 50		
Typewriter Supplies and Repairs	1 50		
Fire Extinguishers and Carboys	377 35		
Lowering Bell	52 50		
Expansion Tank	38 00		
Paint and Varnish	267 01		
Oil Buckets, Brooms, Soap and Sponges	3,570 29		
Furniture and Repairs, Bedding Goods	2,600 67		
Shades, Awnings and Storage	24 20		
Gas	127 04		
Ground Rent City Block No. 65	42 50		
Postage	25 00		
Traveling Expenses	171 50		
Insurance Maps	86 00		
Supplies for Decorating	39 38		
Steam Heaters	689 00		
Repairs Engine House No. 23	42 50		
Repairing Grain Spouts	18 50		
		$ 91,074 93	
Rent of Engine House No. 6		1,184 09	
Rent of Engine House No. 40		1,793 00	
Horses		9,970 00	
Hose Couplings, Nozzle, etc.	24,143 50		
Hose and Nozzle Repairs	715 56		
		24,859 06	
New Engines and Wagons		18,850 00	
New Aerial Truck		4,200 00	
Labor and Material for Repairs of Buildings—			
Plumbing and Repairs	871 13		
Carpentry	9,670 72		
Papering, Plastering, Painting and Glazing	522 40		
Hardware	174 55		
Lumber, Lime, Cement and Sand	1,683 38		
Iron Work, Brick and Concrete Work	454 25		
Heating Apparatus	853 81		
Repairing Roofs, Gutters and Spouts	1,939 17		
		16,169 41	
Painting Various Engine Houses		5,994 31	
Bills Unpaid at Beginning of Fiscal Year		1,035 60	
			$ 783,783 45
Firemen's Pension Fund			9,215 30
Four Courts Buildings Repairs and Alterations—			
Carpentry and Locksmithing	1,969 01		
Plumbing and Repairs	68 49		
Painting, Glazing and Plastering	177 78		
Repairs of Roofs, Gutters and Spouts	273 68		
Engineers' Supplies and Repairs	598 91		
Repairing Heating Apparatus	340 00		
		3,427 87	
Bills Unpaid at Beginning of Fiscal Year		6 45	
			3,434 32
Four Courts Building—Salaries and Current Expenses—			
Salaries of Janitors, Engineers and Watchman		6,387 10	
" Assistant Engineer		465 16	
" Firemen		931 05	
" Coal Passers		682 26	
Ice	117 86		
Night Signal Service Clock	36 00		
Hauling Ashes	585 81		
Towels and Washing	97 16		
Fuel	3,316 09		
Disinfectant	58 00		
Soap, Brooms, Oil, Chamois, Matches, etc.	158 00		
Engineers' Supplies	305 22		
Furniture and Supplies	40 72		
Emergency Work	47 29		
		4,762 94	
Bills Unpaid at Beginning of Fiscal Year		586 24	
			13,814 75
Fund for Numbering Houses—			
Salaries		1,600 00	
Horse Board	230 00		
Horse Shoeing	14 10		
Printing and Stationery	2 00		
Harness and Vehicle Repairs	3 70		
		249 80	1,849 80

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Garbage Hauling Plant. Ordinance 21,420—			
Purchase of Wagons, Harness, Horses, Mules, Tools, Implements, etc			$51,092 00
Garbage Investigation Commission—			
Expense of Committee			2,400 00
Harbor and Wharf—Salaries and Current Expenses—			
Salaries of Commissioner, Assistant and Deputies		$10,699 80	
Ice and Coal	$ 67 28		
Horse Board and Hire	236 25		
Horse Shoeing	7 00		
Harness and Vehicle Repairs	26 00		
Printing and Stationery	343 79		
Postage	45 00		
Car Tickets	130 00		
Telephone and Clock Rent	169 00		
Towels and Washing	19 50		
City Directory	12 00		
Furniture and Repairs	137 70		
Float for Civic Parade	427 90		
Rubber Boots	5 00		
Typewriter and Supplies	50 00		
Signs and Painting	24 45		
Mops, Brooms, etc	16 80		
Rubber Tubing and Mat	8 41		
Plumbing and Carpentry	121 60		
		1,847 68	
			12,547 48
			479 55
Harbor and Wharf Special Fund—			
Harbor Boat—			
Salaries of Captain and Crew		6,454 84	
Wages of Carpenters, Laborers, etc	241 50		
Docking, Towing and Repairing	883 56		
Testing and Cleaning Boilers and Furnace	325 32		
Engineers' Tools, Supplies, etc	266 36		
Oil, Paint, Rope, Tools, Packing, etc	469 48		
Lumber	1,761 50		
Fuel	3,085 12		
Ice	45 65		
Boat Store	899 22		
Hardware, Glassware and Water Cooler	260 75		
Washing Towels	6 00		
Plating Reflector	5 00		
Rubber Boots and Hose	109 60		
Furniture and Repairs	92 90		
Switching Charges	25 90		
		8,477 86	
			14,932 70
House of Refuge—			
Salaries of Superintendent and Employes		17,268 90	
Groceries and Provisions	5,633 46		
Ice	184 34		
Milk	3,373 12		
Meat and Fish	3,759 79		
Flour and Bread	2,129 09		
Fuel	3,347 47		
Gas	48 80		
Fruit and Vegetables	204 29		
Refreshments for Children at Picnics	28 05		
		18,708 41	
Drugs and Medicines	905 66		
Medical Attendance	600 00		
Furniture and Repairs	460 11		
Dry Goods, Clothing, Bedding and Beds	2,987 92		
Kitchen Utensils, Glass and Tinware	628 75		
Sole Leather and Findings	1,375 88		
Oil, Brooms, Soap, Buckets, Lye, etc	974 19		
Inspecting Scales	3 00		
Disinfectant	76 50		
Clerk's Account for Various Small Articles	33 07		
Typewriter and Repairs	16 75		
Veterinary Service	14 00		
		8,075 83	
Forage	705 31		
Veterinary Service	2 00		
Horse Shoeing and Bedding	178 36		
Harness and Vehicle Repairs	151 05		
Printing and Statoinery	207 23		
Books, City Directory and Clerks' Supplies	299 11		
Telephone	110 75		

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Lumber and Sand	$226 25		
Gardeners' Supplies, Seeds, Plants, etc	158 65		
Painting Smoke Stacks	11 60		
Car Tickets and Postage	58 35		
Oil, Grease, White Lead, etc	200 60		
Night Watch Signal Service	35 20		
Base Balls, Bats, etc	36 50		
Inspecting Scales	4 00		
Engineers' Supplies	109 85		
		$2,494 81	
New Farm Wagon and Dump Carts		113 50	
Attending Conference of Charities at Kansas City		176 30	
Labor and Material for Repairs —			
Oil, Paint, White Lead, Glass, Putty, etc	661 19		
Hardware	92 44		
Lumber	361 10		
Sand, Lime, Cement, etc	5 25		
Machinery Repairs and Supplies	195 04		
Steam Heating Apparatus	561 74		
Papering	95 00		
Plumbing Repairs and Supplies	11 64		
Water Bowl	28 33		
Carpentry Work	177 96		
Bath Tubs	784 00		
		2,973 69	
New Washing Machine		496 74	
Salaries and Expenses of Boys' School—			
Salaries of Instructors	3,000 00		
Tools and Supplies	338 68		
Sewing Machine	45 00		
Salaries of Instructors, Girls' School	1,974 68		
		5,358 36	
			$55,666 54
House of Refuge Bakery —			
Salaries of Baker, Assistant Baker and Driver	1,277 00		
Groceries, Sugar, Lard, etc	1,518 84		
Flour	5,891 60		
Fuel	481 84		
Yeast	248 00		
Putty, Fire Clay, Cement, Grate Bars, etc	230 25		
Repairing Engines	35 50		
Lumber	43 75		
Veterinary Service	6 00		
New Harness	35 00		
Horses	350 00		
			10,112 78
Improvements and Alterations of Four Courts Buildings. Ordinance 20,834			507 96
Improvements of Concourse Drive and Pagoda Lake Forest Park. Ordinance 21,111			2,490 80
Insane Asylum—			
Salaries of Superintendent and Employes		35,489 66	
Groceries and Provisions	21,560 96		
Meat and Fish	14,389 45		
Bread	7,411 95		
Milk	3,528 78		
Ice	1,403 83		
Fuel	11,056 36		
Vegetables and Fruit	364 85		
		59,716 18	
Drugs, Medicines and Medical Services	925 82		
Surgical Instruments, Supplies, etc	183 96		
Liquid Bread and Crystal Water	9 00		
		1,118 78	
Dry Goods, Clothing and Bedding	4,349 16		
Furniture and Repairs	36 75		
House Furnishing Goods	344 55		
Glassware, Tinware, Hardware and Kitchen Utensils	577 15		
Shoes, Slippers, Brogans, etc	562 43		
Soap, Oil, Ink, Sponges, etc	2,696 41		
Brooms, Brushes, Buckets, etc	255 92		
Disinfectant	179 90		
Repairing and Inspecting Scales	11 90		
Awnings and Flags	73 23		
Painting Flag-Staff	5 00		
Filter Rent, Electric Fans and Repairs	207 75		
		9,300 15	

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Forage and Bedding	$ 720 89		
Horse Shoeing	119 55		
Harness and Vehicle Repairs and Stable Supplies	64 13		
Printing and Stationery	311 23		
Postage	100 00		
Car Tickets	140 00		
Telephone	5 00		
Engineers' Tools and Supplies	617 05		
City Directory	8 50		
Lumber, Carpentry and Painting	59 50		
Seeds, Plants, Tools and Supplies	229 86		
Float, Carriage Hire, Music for Civic Parade	295 78		
		$ 2,671 49	
Entertainments—			
Cakes, Lemons, etc	71 48		
Music	155 63		
Base Balls, Bats, Gloves, etc	171 81	398 92	
Traveling Expenses Attending Convention		60 50	
Labor and Material for Repairs—			
Oil, Paint, Turpentine, Glass, etc	473 45		
Plumbing Supplies, Steam Fitting, Pipes, etc	1,181 64		
Lumber	258 97		
Clay Pipes, Sand, Cement and Plastering	90 35		
Hardware and Iron	189 21		
Repairing Stone Steps in Front of Building	219 70		
		2,413 32	
Special Appropriations—			
New Iron Beds	422 50		
Blacksmith and Electrical Repair Shop	347 00		
Whitening, Plastering and Roof Repairing	535 00		
Ranges, Plumbing and Steam Fitting	2,566 45		
Repairs to Laundry	76 50		
Feed Water Heater	1,000 00		
Changing Hot Water Circulating System	307 00		
Sectional Metal Dry Room	801 00		
New Hot Water System	2,380 00		
		8,435 45	
Fire Escapes. Ordinance 20,756		3,307 00	
Repairing Steam Heating Boilers. Ordinance 21,133		2,969 32	
Smoke Consumer		525 00	
Hose Reel and Stand Pipe		235 25	
Bills Unpaid at Beginning of Fiscal Year		456 40	
			$ 127,097 42
Inspector of Weights and Measures—			
Salaries of Inspector, Assistants and Clerks		6,999 96	
Printing and Stationery	184 75		
Horse Board	558 43		
Horse Shoeing	129 50		
Horse and Vehicle Hire	6 00		
Harness and Vehicle Repairs	71 00		
Veterinary Service and Horse Clipping	19 50		
Tools	19 80		
Telephone	5 00		
Repairing Clock	5 00		
		998 98	
Horse		150 00	
			8,148 94
Installation of Boilers at Insane Asylum. Ordinance 20,777			139 00
Insurance—			
House of Refuge		826 50	
Insane Asylum		862 50	
Election Booths and Market Houses		425 50	
Engine Houses		147 50	
Horses and Vehicles		342 00	
Quarantine		80 00	
Female Hospital		947 50	
Harbor Boat		375 00	
Poor House		1,012 50	
Building in Parks		241 25	
City Hospital and Emergency Hospital		262 35	
Work House		152 00	
Elevators		90 00	
Passenger Depot in Forest Park		90 00	
Steam Rollers		90 00	
Old City Hall		54 85	
Building at 2327 Walnut Street		32 50	
Building at 5749 Manchester Avenue		45 00	
			6,076 95

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Interest Account—			
Remittance—			
To National Bank of Commerce, New York		$733,234 76	
To National Bank of Scotland, London, England		53,525 00	
Coupons Redeemed at City Treasury		142,762 23	
Telegrams, Express Charges and Postage		26 19	
Special Edition Bond Values		12 00	
Professional Services and Legal Advice Concerning Proposed $7,000,000.00 Bond Issue		2,500 00	
			$932,060 18
Jail—			
Salaries of Jailer, Janitors and Employes		21,516 57	
Groceries and Provisions	$4,036 02		
Meat and Fish	6,406 90		
Bread	2,787 40		
Milk	496 28		
Ice	296 23		
Fuel	98 62		
Vegetables	702 60		
		14,824 05	
Drugs and Medicines	412 93		
Dry Goods, Clothing, Bedding, Sawdust, etc	979 23		
Soap, Oil, Matches, Brooms, Soda, etc	405 02		
Hardware and Kitchen Utensils	362 24		
Furniture and Repairs	291 37		
Scales	1 00		
		2,451 79	
Printing and Stationery	114 08		
Postage	6 50		
Telephone	16 25		
Pulley Block, Ice Cooler, etc	94 08		
Locksmith Repairs, Extension Bell	61 50		
City Directory	6 00		
		298 41	
Repairs—			
Painting and Papering	591 05		
Iron Works and Lock Repairs	167 20		
Carpentry, Brick Work and Concrete	592 43		
Plumbing and Steam Pipe Repairs	397 79		
Repairing Fumigator, Tank and Water Barrel	29 30		
Repairing Smoke Stack	11 30		
Screens Over Skylight	220 00		
Repairing Gutters and Down Spouts	48 50		
		2,057 57	
			41,148 39
Judgments —			
Louis C. Nelson et al vs. City of St. Louis, changing grade of 21st Street		62,400 72	
Sarah E. Lewis vs. City of St. Louis, personal injuries received in falling on sidewalk at N. E. corner 22d and Chestnut Sts		100 00	
Son of Caroline Straub vs. City of St. Louis, injuries received while playing on sidewalk		1,380 80	
Republic Oil Co. vs. City of St. Louis, damage to wagon and contents in falling in sewer on Ferry St.		24 95	
Cordelia Norton vs. City of St. Louis, personal injuries received in falling on sidewalk in front of 1019 High St		2,280 00	
Gottlieb Everman vs. City of St. Louis, hauling macadam from Work House		797 00	
			66,983 47
Jury and Witness Fees -			
Circuit Court		20,530 50	
Probate Court		820 50	
Police Courts		196 50	
Grand Jury Witnesses		3,823 00	
Grand Jury		2,945 50	
Petit Jury		28,569 00	
Special Jury		5 00	
State Board Mediation and Arbitration		109 80	
			56,999 80
Kingshighway Boulevard Commission Fund—			
Advertising and Printing			649 00
Jury Commissioner—			
Salaries of Commissioner and Deputies		18,828 95	
Printing and Stationery	508 88		
Postage	5 00		
Furniture and Repairs	5 45		
Advertising	70 10		

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City Directories	$ 24 00		
Telephone	126 15		
Typewriter and Repairs	34 67		
Water Cooler and Step Ladder	5 95		
		$ 780 20	
Bills Unpaid at Beginning of Fiscal Year		47 43	
			$ 19,656 58
Law Department—			
Salaries of City Counselor, Associate, Second Assistant Clerk and Stenographer		18,922 84	
Printing and Stationery	440 24		
Postage	110 00		
Telephone Rent and Toll	249 75		
Law Books	69 00		
City Directory	6 00		
Furniture and Repairs	141 35		
Electric Fans and Repairs	32 30		
Repairing Rolling Ladder	20 00		
Repairing Maps	28 20		
Subscriptions	103 00		
Rebinding Books	135 90		
		1,335 74	
			20,258 58
License Collector—			
Salaries of Commissioners, Deputies, Inspectors and Clerks		31,899 96	
Printing and Stationery	1,343 26		
City Directories	12 00		
Furniture and Repairs	85 00		
Telephone and Clock Rent	308 50		
Postage	110 00		
Car Tickets	120 00		
Advertising	164 15		
Weather Stripping and Flooring	108 30		
		2,251 21	
Court Costs		100 00	
Members Board of Revision		720 00	
Horse Board for Inspectors		997 20	
Bills Unpaid at Beginning of Fiscal Year		122 80	
			36,091 17
Lighting Public Buildings—			
Court House		1,503 50	
City Hall, 11th and Chestnut Sts		1,486 90	
Four Courts		3,414 07	
Police Stations		8,114 11	
Insane Asylums		2,110 13	
Female Hospital		1,636 71	
Poor House		2,531 83	
Morgue		155 58	
Fire Department		6,062 25	
New City Hall, 12th and Market Sts		2,887 84	
City Building, 2322 Clark Avenue		228 26	
Public Building in Forest Park		137 25	
Water Department, South		511 75	
Jailers' Quarters		149 33	
Temporary City Hospital		5,686 97	
Water Department, North		17 70	
Union Market		2,173 45	
Harbor and Wharf Department		20	
House of Refuge		3,152 70	
Work House		926 80	
Carondelet Market		37 90	
Street Department (Grand Avenue Bridge)		88 21	
Emergency Hospital		2,025 51	
Wiring in Sundry Public Buildings		12,733 20	
Purchase of Lamps, Wires, Switches, Sockets and Appurtenances		7,516 99	
Installing Conduits, New City Hospital		100 00	
Overhead and Underground Construction		6,934 96	
			72,324 10
Lighting Streets, Alleys, Parks and Public Places—			
Salaries of Supervisor and Deputies		23,261 93	
Electric Light, "Incandescent and Arc"		102,257 83	
Gas Light		52,417 94	
Welsbach Lamps		7,238 77	
Welsbach Mantle Lamps		361,561 51	
Telephone Rent	254 49		
Hardware, Engineers' Tools and Supplies	219 10		
Float for Civic Parade	200 00		
Furniture and Repairs	846 02		

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Printing and Stationery	$1,014 24		
Postage	115 00		
Car Tickets	290 00		
City Directory and Maps	201 00		
Horse and Vehicle Hire	63 00		
Horse Board	1,298 70		
Meter Power	205 00		
Dusters, Candles, Matches and Ladders	41 78		
Copy Press	17 25		
Stenographer	12 00		
Typewriter and Supplies	53 25		
Hire of Clerks, Special Work	191 03		
		$5,021 86	
			$551,759 84
Making Back Tax Books and Bills			3,000 00
Markets—			
Union Market—			
Salaries of Market Master and Sweepers		3,399 96	
Fuel and Ice	10 71		
Brooms, Soap, Hose, Cleaning and Hauling	217 01		
Repairing Roofs and Spouts	151 67		
Stoves, Tools, Furniture, etc	144 05		
Plumbing, Carpentry, Painting and Glazing	140 32		
Printing and Stationery	3 66		
		667 42	
Soulard Market—			
Salaries of Market Master and Sweepers		1,219 92	
Fuel and Ice	6 22		
Brooms	2 90		
Repairing Roofs and Spouts	71 00		
Plumbing and Carpentry	54 84		
		134 96	
South St. Louis Market—			
Salaries of Market Master and Sweeper		1,219 92	
Brooms	2 90		
Repairing Roofs and Spouts	657 00		
Printing and Stationery	2 00		
		661 90	
			7,304 08
Marshal's Office—			
Salaries of Marshal and Deputies		26,328 05	
Printing and Stationery	255 41		
City Directories	18 00		
Horse Board	497 70		
Veterinary Service and Horse Shoeing	9 00		
Car Tickets	815 00		
Plumbing	4 50		
Telephone and Clock Rent	146 35		
Harness and Vehicle Repairs	15 00		
		1,760 96	
Bills Unpaid at Beginning of Fiscal Year		111 00	
			28,200 01
Mayor's Contingent Fund			10,000 00
Morgue—			
Salaries of Superintendent and Assistants		2,687 58	
Fuel	81 83		
Ice	231 57		
Gas	6 32		
Towels and Washing	44 65		
Brooms, Matches, Dusters, Brushes, etc	31 66		
Furniture, Dry Goods and Rubber Goods	56 40		
Plumbing	12 55		
Conveying Bodies to Morgue	893 20		
Cooling Boards	33 00		
Disinfectant	5 87		
Telephone	5 00		
Photographs of Unknown Bodies	45 00		
Printing and Stationery	19 30		
		1,466 35	
Carpenter Work, Painting and General Repairs		227 85	
Bills Unpaid at Beginning of Fiscal Year		2 04	
			4,383 82
Municipal Assembly—			
Council—			
Salaries of Council Members		3,764 52	
Salaries of Council Officers		5,460 00	
Publishing Proceedings	6,930 53		
Printing and Stationery	558 95		

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Postage	$ 30 00		
Telephone and Clock Rent	228 00		
City Directory and Maps	53 50		
Soap, Sponges, Dusters, etc	12 61		
Water Cooler and Electric Fans	47 25		
Typewriter Supplies	1 50		
Frames	4 85		
Stenographer	35 00		
		$7,902 19	
Municipal Assembly—			
House of Delegates—			
Salaries of Members of House of Delegates		8,400 00	
Salaries of Officers of House of Delegates		5,871 66	
Publishing Proceedings	4,796 57		
Printing and Stationery	1,034 61		
Postage and City Directory	22 00		
Telephone and Clock Rent	185 00		
Sponges, Soap, Matches, Dusters, etc	41 05		
Carriage Hire	137 00		
Furniture and Repairs	327 49		
Repairing Awnings, Electric Fans and Painting	103 75		
Typewriter and Supplies	58 25		
Indexing Journal	104 00		
		6,809 72	
Bills Unpaid at Beginning of Fiscal Year		5 00	
			$38,213 09
New City Hall Furnishings—			
New Curtains, Rugs, Screens, etc., Mayor's Office			1,394 57
New City Hall Repairs and Alterations—			
Carpentry and Locksmithing	1,591 26		
Painting, Glazing and Plastering	110 30		
Plumbing and Repairs	673 08		
Brass Railings	112 70		
Repairing Roof, Gutters and Down Spouts	994 74		
Brick and Concrete Work	25 70		
Steam Apparatus and Repairs	543 03		
Iron Work	14 75		
Sundry Repairs	511 83		
		4,577 39	
Repairing Thermostats, etc		1,250 00	
Repairing Temperature Controlling Apparatus and Air Purifying Apparatus		4,747 00	
Bills Unpaid at Beginning of Fiscal Year		85 26	
			10,659 65
New City Hall—Salaries and Current Expenses—			
Salaries of Janitors		7,439 99	
Salaries of Engineers, Firemen, Watchmen, Coal Passers and Elevator Conductors		9,534 03	
Fuel	5,152 47		
Ice	478 83		
Towels and Washing	962 88		
Hauling Ashes and Rubbish	676 63		
Soap, Matches, Brushes, Dusters, etc	613 78		
Engineers' Tools and Supplies	1,009 21		
Hardware and Safe	73 16		
Awnings and Flags	68 00		
Disinfectant	255 29		
Steam Fitters and Helpers	88 00		
Cement and Lumber	23 44		
Shaft	598 30		
		9,999 99	
Bills Unpaid at Beginning of Fiscal Year		80 95	
			27,054 96
Office Expense for Mayor, Comptroller, Auditor, Register and Treasurer—			
Mayor—			
Furniture and Repairs	6 60		
Telephone and Clock Rent	144 65		
Postage	80 00		
Water Cooler and Filter	7 50		
Sundry Office Expense	50 04		
		288 79	
Comptroller—			
Furniture and Repairs	321 15		
Car Fare and Carriage Hire	121 60		
Telephone and Clock Rent	362 15		
Cleaning and Repairing Books, Sundry Supplies	948 27		

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Stenographer and Draughtsmen and Special Record Work	$ 148 45		
Typewriter Repairs and Supplies	50		
Recorder Fees and Subscriptions	27 00		
		$ 1,929 12	
Auditor—			
Furniture and Repairs	112 92		
Telephone Rent	148 00		
Sundry Office Supplies	31 60		
Awnings	3 30		
Postage	40 40		
		336 22	
Register—			
Furniture and Repairs	182 85		
Telephone	245 00		
Sundry Office Supplies	96 90		
City Directory	6 00		
Postage	155 00		
Writing Commissions, etc	74 00		
Carriage Hire	35 00		
		794 75	
Treasurer—			
Cab Hire and Car Fare	101 95		
Sundry Office Expense	46 90		
Telephone	159 40		
Adding Machine	200 00		
Furniture and Repairs	9 92		
Postage	4 00		
Filter and Electric Fans	20 00		
		542 17	
Bills Unpaid at Beginning of Fiscal Year		77 50	
			$ 3,968 55
Opening Street Expense—			
Salaries of Commissioners		2,637 00	
Cost of Court		1,420 80	
Investigating Titles		1,719 50	
Advertising		329 18	
Printing and Stationery		52 50	
Sheriff's Fees		19 95	
Notary Fees, Affidavits and Addresses		216 20	
Copying Report of Commissioners		450 00	
Removing Obstructions		15 00	
			6,860 13
Damages Paid in Opening Various Streets and Alleys. See Page 17 of this Report			51,184 39
Park Commissioner—			
Salaries of Commissioner, Superintendent and Clerks		7,200 00	
Printing and Stationery	777 79		
Postage	37 00		
Car Tickets	20 00		
Draughtsmen's Supplies	10 98		
Horse Board	504 35		
Horse Shoeing and Veterinary Service	8 00		
Harness and Vehicle Repairs	3 50		
Furniture and Repairs	4 00		
Float and Flags, Civic Parade	501 56		
Typewriter and Repairs	18 10		
City Directory and Dictionary	8 25		
Telephone and Clock Rent	140 38		
Carriages	15 00		
Horse Covers	31 50		
Advertising	53 14		
Bills, with Back Board	19 50		
Electric Fans and Water Coolers	26 90		
Maps, Photographs and Express Charges	28 70		
		2,208 65	
Improving Page Boulevard, Trees, Plants, etc		143 36	
Bills Unpaid at Beginning of Fiscal Year		17 00	
			9,569 01
Benton Park—			
Salary of Keeper		780 00	
Wages of Gardeners and Laborers	1,443 57		
Fuel	5 50		
Paint, Oil, White Lead, etc	64 75		
Carpentry, Plumbing and Repairs	270 49		
Gardeners' Tools and Supplies	34 15		
		1,818 46	
Bills Unpaid at Beginning of Fiscal Year		56 65	
			2,655 11

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Carondelet Park—			
Salary of Keeper		$780 00	
Wages of Gardeners and Laborers	$4,108 49		
Fuel	5 50		
Forage	298 32		
Blacksmithing and Horse Shoeing	70 00		
Harness and Vehicle Repairs	1,132 20		
Clay Pipe, Granitoid, Gravel, etc	622 42		
Gardeners' Tools and Supplies	248 64		
Paints, Oils, Turpentine, etc	48 90		
Veterinary Service	3 00		
Plumbing and Repairs	158 78		
Lumber	67 20		
Plastering and Repairing Keeper's House	325 00		
Hose, Pump and Sprinkling Wagon	428 00		
Repairing Fence	1,103 60		
Laying Granitoid Walk	426 70		
Trees and Plants	283 80		
Mule	175 00		
		8,486 55	
Bills Unpaid at Beginning of Fiscal Year		28 97	
			$9,295 52
Carr Square—			
Salary of Keeper		720 00	
Wages of Gardener and Laborers	814 75		
Fuel	10 12		
Gardeners Tools and Supplies	38 81		
Plumbing Repairs and Painting	34 45		
Granitoid Gutters and Repairs	499 60		
Benches and Flag Pole	188 20		
Trees and Plants	17 50		
Repairing Roof on Tool House	34 00		
		1,637 43	
Bills Unpaid at Beginning of Fiscal Year		18 00	
			2,375 43
Forest Park—			
Salary of Keeper		900 00	
Wages of Overseer, Gardener and Laborers	37,713 70		
Fuel	770 23		
Forage	2,877 34		
Horse Shoeing	248 15		
Harness and Vehicle Repairs	386 48		
Gardeners' Supplies, Seeds, Plants, etc	721 76		
Tools, Implements, Hardware, etc	519 75		
Lumber and Iron	644 93		
Crushed Granite, Cinders, Gravel, Sand and Cement	3,071 35		
Paint, Oil, White Lead, Turpentine, etc	567 42		
Plumbing and Supplies	376 37		
Animals, Birds and Transportation Charges	50 53		
Flag Pole and Flags	43 00		
Painting Music Stand and Bridge	231 55		
Veterinary Service	18 60		
Bread, Meat, and Vegetables for Animals	210 97		
Repairing Furnace at Green House	11 54		
Repairing Keeper's Cottage, Gardeners' and Spring House	441 85		
Traveling Expenses to Convention	94 65		
Repairing Lightning Rods	45 00		
Disinfectant	54 00		
		11,385 47	
Bills Unpaid at Beginning of Fiscal Year		1,012 71	51,011 88
Forest Park Boulevard, Wages of Gardener			118 17
Fountain Park—			
Wages of Gardeners and Laborers		603 75	
Gardeners' Supplies and Tools	28 45		
Fuel	154 92		
Plumbing	74 85		
Fountain and Repairs	438 00		
		696 22	
Bills Unpaid at Beginning of Fiscal Year		87 75	
			1,387 72
Gamble Place—			
Salary of Keeper		600 00	
Wages of Gardeners and Laborers		126 80	
Gardeners' Tools and Supplies	17 15		
Plumbing and Repairs	45 70		

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Trees, Seeds, Plants, etc.	$ 23 04		
Lumber	18 00		
Fuel	5 94		
		$ 109 83	
			$ 836 63
Gravois Park--			
Salary of Keeper		538 55	
Wages of Gardener and Laborers		381 25	
Fuel	5 50		
Gardeners' Tools and Supplies.	67 13		
Macadam	7 50		
		80 13	
Bills Unpaid at Beginning of Fiscal Year		79 35	
			1,079 28
Hyde Park—			
Salary of Keeper		780 00	
Wages of Gardeners and Laborers.		1,478 87	
Fuel	5 50		
Gardeners' Tools and Supplies.	104 91		
Trees, Plants, Seeds, etc.	28 60		
Plumbing	36 50		
Repairing Fence	64 60		
		240 11	
			2,498 98
Jackson Park—			
Salary of Keeper		600 00	
Wages of Gardeners and Laborers.		21 00	
Fuel	5 50		
Gardeners' Tools and Supplies	4 00		
Plumbing and Repairs	92 47		
Lumber	15 75		
Trees, Seeds, Plants, etc.	21 00		
Repairs to Fence	63 80		
		202 52	
Granitoid Work		350 00	
Bills Unpaid at Beginning of Fiscal Year		78 20	
			1,251 72
Kenrick Garden—			
Wages of Gardeners and Laborers.		521 62	
Gardeners' Tools and Supplies.	15 50		
Plumbing and Repairs	27 20		
Plants, Trees, Seeds, etc.	130 25		
Rent of Wire Fence During Dedication Parade.	120 00		
		292 95	
			814 57
Laclede Park—			
Salary of Keeper		720 00	
Wages of Gardeners and Laborers.		173 75	
Fuel	5 50		
Lumber	6 35		
Gardeners' Tools and Supplies.	11 07		
Trees, Plants, Seeds, etc.	58 85		
Plumbing and Repairs	17 35		
		99 12	
Bills Unpaid at Beginning of Fiscal Year		7 04	
			999 91
Lafayette Park—			
Salary of Keeper		1,164 69	
Salary of Bookkeeper		60 00	
Wages of Gardeners and Laborers.		3,137 95	
Fuel, Forage and Ice	68 32		
Gardeners' Tools and Supplies.	13 65		
Horse Board	222 00		
Horse Shoeing	8 50		
Hardware, Plumbing, Carpentry and Painting	546 56		
Harness and Vehicle Repairs.	23 20		
Trees, Plants, Seeds,etc	553 37		
Gravel, Sand, Cement, etc	166 45		
Postage	4 55		
Flags	30 76		
		1,637 36	
			6,000 00
Lyon Park—			
Salary of Keeper		720 00	
Wages of Gardeners and Laborers.		852 00	
Fuel	5 50		
Gardeners' Tools and Supplies	81 30		
Lumber	3 25		
Hardware and Paint	20 50		
		110 55	
			1,682 55

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O'Fallon Park—			
Salary of Keeper		$ 780 00	
Wages of Gardeners and Laborers		4,524 86	
Fuel	$ 5 50		
Forage	318 32		
Gardeners' Tools and Supplies	117 40		
Horse Shoeing and Veterinary	87 00		
Paints, Oils, White Lead and Turpentine	27 57		
Salt	2 08		
Vehicle and Harness Repairs	60 30		
Papering, Whitening and Plumbing	77 20		
Gravel Sand, Cement, etc	810 71		
Trees, Plants, Seeds, etc	120 00		
Repairs to Tower, Roof and Pavilion	2,575 20		
Lumber and Iron Pipe	244 39		
Painting Pavilion and Barn	146 65		
Farm Wagon	62 00		
		4,654 32	
Bills Unpaid at Beginning of Fiscal Year		207 36	
			$ 10,166 54
St. Louis Place—			
Salary of Keeper		2,160 00	
Wages of Laborers		2,474 00	
Fuel	16 50		
Gardeners' Tools and Supplies	45 35		
Paint, Oil, White Lead and Turpentine	73 13		
Lumber, Iron Fence and Repairs	136 53		
Trees, Plants, Seeds, etc	65 10		
Flags	23 00		
		359 61	
Bills Unpaid at Beginning of Fiscal Year		137 50	
			5,131 11
South St. Louis Square--			
Salary of Keeper		600 00	
Wages of Laborers		154 23	
Gardeners' Tools and Supplies	13 34		
Fuel	5 50		
Paint, Oil, White Lead, etc	5 42		
Trees, Seeds, Plants, etc	2 52		
Lumber	6 30		
		33 08	
			787 31
Tower Grove Park—			
Annual Appropriation			25,000 00
Washington Square—			
Salary of Keeper		780 00	
Wages of Laborers		2,004 22	
Paints, Oils, etc	5 65		
Gardeners' Tools and Supplies	157 35		
Lumber and Wire	23 63		
Plumbing and Repairs	90 55		
Trees, Plants, Seeds, etc	691 74		
Hauling Rock	20 75		
		989 67	
			3,773 89
Pay Roll Account, Special Fund			2,805 98
Plumbing Inspection Department—			
Salaries of Supervisor and Assistants		12,700 64	
Printing and Stationery	234 60		
Horse Board	219 00		
Horse Shoeing	21 25		
Harness and Vehicle Repairs	23 00		
Veterinary Service and Horse Clipping	4 00		
Postage	50 00		
Furniture and Repairs	20 00		
Telephone Rent	60 00		
Traveling Expense	125 00		
Carriage Hire	15 00		
		771 85	
Bills Unpaid at Beginning of Fiscal Year		29 53	
			13,502 02
Police Account—			
Salaries of Commissioners, Captains, Sergeants, Lieutenants, Dectectives, Patrolmen, Chief, Assistant Chief, Chief of Detectives, etc			1,378,634 24
Police, All Other Salaries and Current Expenses—			
Salaries of Superintendent Stables, Drivers, Clerks, Janitors, Watchmen, etc		92,972 40	
For Horses		8,495 00	
Pasturing and Bedding	843 38		

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Forage	$12,931 32		
Fuel	4,963 19		
Ice	773 43		
Harness and Vehicle Repairs	5,754 05		
Veterinary Service and Medicine	326 28		
Horse Clipping and Shoeing	4 00		
Supplies for Blacksmith	587 24		
Electric Supplies, Tools, Keys, Hardware, etc.	2,255 63		
Insurance	2,669 40		
Telegrams and Express Charges	537 63		
New Vehicles and Harness	2,133 10		
Horse Board	206 70		
Postage	582 50		
Printing and Stationery	7,892 10		
City Directories, Maps, Publications, etc	274 00		
Towels and Washing	514 56		
Bread, Sausage and Meals for Prisoners	3,583 33		
Hauling Ashes and Manure	720 00		
Kettles, Tubs, etc	25 78		
Telephone Rent	4,308 86		
Furniture and Repairs	2,267 72		
Buttons, Stars, Straps, Shields, etc	1,528 34		
Soap, Matches, Oil, Gasoline, etc	2,511 91		
Typewriter and Repairs	444 30		
Flags, Awnings and Drapery	656 60		
Traveling Expenses	105 05		
Fund Pursuing Criminals	12,250 00		
Electric Fans and Repairs	235 70		
Filter	49 98		
Clothing and Shields Damaged on Duty	812 21		
Photographs of Criminals	2,041 90		
Disinfectant and Exterminator	695 61		
Carpentry Work, Painting, etc	71 49		
Macadam, Clay Pipe, Granitoid, etc	435 28		
Gas and Electric Light	118 70		
Trees, Seeds, Plants, etc	348 38		
Repairing Bicycles	11 65		
Revolvers and Cartridges	885 44		
Lamps and Repairing	370 50		
Carnations, Gauntlets, Sabers and Swords	812 02		
Medical Treatment and Attorneys' Fees	3660 85		
Repairing Stoves and Heating Apparatus	609 25		
National Bureau of Identification	125 00		
Music	126 00		
Medals and Gold Badges	195 00		
Emergency Service	62 00		
		$83,317 36	
For Labor and Material for Necessary Repairs and Alterations of Station Houses and Stables—			
Plumbing and Heating	1,116 48		
Repairing Roof, Gutters and Smoke Stack	1,230 29		
Glass, Putty, White Lead, Paint, etc	866 83		
Plastering, Whitening, Papering and Painting	1,204 50		
Locks, Keys and Iron Work	400 44		
Stone and Brick Work	413 80		
Carpentry and Lumber	2,486 02		
Sand, Gravel, Cement, Lime, etc	178 40		
Repairing Driveway and Sidewalk	107 00		
Granitoid Work	593 00		
Building Cells in World's Fair Police Station	1,032 75		
Lightning Rods	350 00		
Purchase of Lot in City Block No. 3906—100 feet on Newstead Avenue	5,000 00		
		14,979 51	
			$199,764 27
Poor House—			
Salaries of Superintendent and Employes		36,806 24	
Groceries and Provisions	25,077 91		
Meat and Fish	21,147 22		
Bread	11,662 51		
Milk	5,846 56		
Ice	1,581 33		
Fuel	14,196 70		
Fruit and Vegetables	215 45		
		79,727 68	
Drugs and Medicines	1,072 67		
Surgical Instruments	336 31		
		1,408 98	

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Dry Goods, Clothing and Bedding	$ 6,814 69		
Furniture and Repairs	969 21		
Slippers, Brogans and Shoes	1,057 85		
Sole Leather and Findings	303 15		
Hardware, Glassware, Tinware and Kitchen Utensils	1,156 94		
Soap, Soda, Starch, Lye, etc	1,674 57		
Brooms, Brushes, Dusters, Matches, etc	785 43		
Disinfectant and Exterminator	171 64		
Fuel, Flags, and Water Cooler	114 24		
Filter Rent	220 00		
Repairing Range and Copper Kettles	536 34		
		$ 13,804 06	
Horse Shoeing	95 30		
Harness and Vehicle Repairs	90 81		
Printing and Stationery	509 57		
Postage	51 00		
Car Tickets and Carriage Hire	110 00		
Telephone Rent and House Telephone	198 00		
Engineers' Tools and Supplies	509 26		
Seeds, Plants and Gardeners' Supplies	229 41		
City Directory	6 00		
Lumber for Coffins	170 30		
Sand, Gravel, Lime and Cement	45 07		
Typewriter and Supplies	55 60		
Inspection of Scales	12 00		
Lumber, Boards and Wire for Fence	150 51		
Repairing Artificial Limb	10 00		
		2,242 83	
Traveling Expenses Attending Convention		26 00	
Labor and Materials for Repairs—			
Oil, Paint, White Lead, Turpentine, etc	325 98		
Hardware and Roofing Material	246 68		
Plumbing and Steam Fitting Supplies	628 39		
Lumber	293 26		
Carpentry and Electrical Repairs	92 55		
Cement and Sand	111 82		
Machinery, Boiler and Steam Heating Repairs	1,080 67		
Iron Gratings on Windows	78 75		
Lowering and Reconstructing Pipe in Conduit	79 60		
		2,937 70	
Bills Unpaid at Beginning of Fiscal Year		122 50	
Special Appropriation—			
Repairing Boilers, Steam Pipes and Walls	523 75		
Repairing Slate Roofs	1,406 00		
New Pipe System in Boiler Room	3,296 60		
		5,226 35	
			$142,302 34
Poor House Bakery—			
Salaries of Baker and Assistants		2,695 11	
Forage	1,157 23		
Fuel	1,008 85		
Horse Shoeing	108 13		
Harness and Vehicle Repairs	10 45		
Flour and Corn Meal	17,943 75		
Potatoes	1,573 80		
Yeast	300 31		
Lard, Sugar, Salt and Soda	677 37		
Hardware	23 25		
New Wagon	205 00		
Patent Bakers' Ovens and Bread Pans	50 50		
Lumber	14 50		
Tobacco	23 60		
Rent of Filter	44 00		
		23,140 74	
			25,835 85
Printing and Stationery for Mayor, Comptroller, Auditor, Register and Treasurer—			
Mayor—			
Printing and Stationery	531 95		
Advertising	49 81		
Postage	20 00		
City Directories	12 00		
		613 76	
Comptroller—			
Printing and Stationery	2,070 67		
Postage	74 99		
City Directories	12 00		
Advertising	358 04		
Cash Box	1 75		
		2,517 45	

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Auditor—			
Printing and Stationery	$ 1,303 84		
Postage	57 50		
City Directory	6 00		
Book Binding	47 40		
Sponges	3 36		
		$ 1,418 10	
Register—			
Printing and Stationery	3,761 22		
Postage	10 00		
Advertising	8,267 72		
Metal License Dies	3,011 50		
		15,050 44	
Treasurer—			
Printing and Stationery	346 28		
Postage	3 20		
Sponges	75		
Satchel	10 50		
Furniture and Repairs	19 00		
		379 73	
Bills Unpaid at Beginning of Fiscal Year		1 90	
Printing Mayor's Message		4,196 00	
			$24,177 38
Public Library—Special Fund—			
Salaries of Librarian, Assistant, Clerk, etc		34,358 25	
Rent	7,916 68		
Fuel, Electric Light and Power	164 32		
Ice and Towels	79 94		
Printing and Stationery	2,001 34		
Typewriter and Supplies	20 26		
New Books, Magazines, Papers, etc	9,668 22		
Book Binding, Repairs and Supplies	5,245 20		
Furniture and Repairs	1,562 43		
Contingent Fund for Librarian	980 00		
Soap, Brooms, Dusters, Brushes, etc	126 83		
Telephone	113 50		
Insurance	2,137 89		
Express Charges Conveying Books	3,250 85		
Postage	45 00		
Night Watch Signal Service	72 00		
Premium on Bond for F. M. Crunden	25 00		
Repairing Fire Apparatus	198 60		
Glazing	123 20		
Steam Heating Repairs	17 88		
Plumbing	18 96		
Repairing Down Spouts	148 00		
Painting and Papering	21 00		
Awnings, Stored and Repaired	42 00		
Rent of Safe in Vault Union Trust Company	10 00		
Electric Repairs	9 58		
Purchase of Building Site	30,000 00		
Sprinkling Taxes and Taxes	2,202 05		
Notes and Interest on Purchase of Property	80,586 20		
Designing and Illuminating Resolutions Accepting Donation of Andrew Carnegie	500 00		
		147,226 93	
			181,585 18
Purchase of Emergency Hospital. Ordinance 21,171-21,216			44,666 65
Purchase of Engine House No. 6. Ordinance 21,229			35,000 00
Purchase of Engine House No. 40. Ordinance 21,230			53,000 00
Purchase of Lots and Erection of Engine House. Ordinance 21,320			6,000 00
Purchase of Lots and Erection of Engine House. Ordinance 21,327			5,500 00
Quarantine and Small-Pox Hospital—			
Salaries of Superintendent and Employes		9,998 32	
Groceries and Provisions	3,530 84		
Meat and Fish	2,146 52		
Fruit and Vegetables	130 25		
Milk	418 83		
Fuel and Ice	2,487 11		
Forage	1,657 66		
Horse Shoeing	97 55		
Harness and Vehicle Repairs	58 68		
Telephone	5 00		

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Postage	$ 100 00		
Printing and Stationery	8 85		
Hardware, Brooms, Cement and Glass	56 81		
Chinaware, Glassware, Tinware, etc.	140 15		
Plumbing and Roofing Material	29 90		
Carpentry, Engineers' Supplies and Repairs	59 25		
Drugs, Medicines, Soap, Matches, etc.	246 59		
Dry Goods, Clothing, Bedding, Shoes, etc	237 84		
Car Tickets	55 00		
Furniture and Repairs	40 63		
Row Boat	15 00		
Inspecting Scales	1 00		
		$ 11,523 46	
Labor and Materials for Repairs—			
Hardware, Roofing Material and Smoke Stack	185 47		
Oil, Paint, Papering, Whitening and Plumbing	493 43		
Brick Work, Sewer Pipe, Cement, etc.	11 00		
Machinery Repairs	162 67		
Lumber	205 23		
		1,057 80	
Special Appropriation—			
Steam Heating Apparatus		276 00	
Bills Unpaid at Beginning of Fiscal Year		95 20	
			$ 22,950 78
Real Estate Account—			
Rent	56 81		
Recorder's Fees	2 50		
		59 31	
For Repairing and Reconstructing Alleys and Sidewalks on Property Owned by the City		1,801 60	
Constructing Brick Driveway West Side House of Refuge	579 59		
City's Half Constructing Sewer in Filmore Street	160 34		
		739 93	
Repairing and Keeping Indiana Avenue and Utah Street		457 34	
Bills Unpaid at Beginning of Fiscal Year		56 81	
			3,114 99
Reconstruction Drinking Fountain at Third and Washington Avenue. Ordinance 20,819			600 00
Recorder of Deeds—			
Salaries of Recorder and Employes		25,105 41	
Salaries of Copyists		21,672 58	
Printing and Stationery	1,744 20		
Postage	20 00		
City Directories	18 00		
Telephone and Clock Rent	170 35		
Furniture and Repairs	568 75		
Awnings	8 25		
Binding Books	800 55		
Badges	14 40		
Carriages	30 00		
Carpentry and Repairing Locks	182 50		
Repairing Clocks and Electric Fans	33 75		
		3,590 75	
			50,368 74
Redemption of Bonds			191,090 00
Reduction of Garbage			86,666 64
Relief of William Desmond. Ordinance 19,716			971 30
Relief of Excelsior Hauling and Transfer Company. Ordinance 21,418			42,400 00
Relief of St. Louis Sanitary Company. Ordinance 21,419			43,333 36
Removal of Garbage			84,800 00
Repairs of Dykes, Wharfs and River Bank —			
Wages of Laborers and Overseers		1,361 25	
Brooms, Tools, Hardware, etc.		169 62	
Repairs to Wharf		8,811 95	
Sundry Repairs on Barges		152 91	
Lumber		113 76	
Barge Hire		2 00	
Two New Barges		2,500 00	
			13,111 49
Repairing Laundry Building at Insane Asylum. Ordinance 21,130			477 40

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Repairs, Alterations and Improvements in Forest Park. Ordinance 21,286—			
Quarts		$ 356 40	
Lumber		357 34	
Green House		500 00	
Steam Roller		3,300 00	
			$ 4,513 74
Retained Percentage Contract No. 2720			16,646 41
Retained Percentage Contract No. 6296			431 85
Retained Percentage Contract No. 6297			2,322 51
Retained Percentage Contract No. 6430			377 95
Salaries and Expenses Deputy Sheriffs, Strike 1900—			
Salaries		3,468 00	
Meals		262 25	
Cots and Bedding, etc.		24 44	
Stationery and Supplies		29 75	
Badges		75 00	
Drugs		12 37	
Drayage		10 00	
Hire of Horse and Buggy		12 00	
			3,893 81
Salaries of Mayor, Comptroller, Auditor, Register and Treasurer—			
Mayor's Office		10,074 73	
Comptroller's Office		28,210 43	
Comptroller's Office, Temporary Clerks.		2,328 33	
Auditor's Office		21,191 66	
Register's Office		9,577 42	
Treasurer's Office		13,699 92	
			85,082 49
Scales—			
Bridge—			
Salary of Weighers		1,564 48	
Repairs of Tools	$31 30		
Printing and Stationery	21 60		
Ice and Fuel	9 92		
Inspection	6 00		
		68 82	
City Market—			
Salary of Weigher		900 00	
Repairs and Tools	142 95		
Ice and Fuel	8 45		
Inspection	4 00		
		155 40	
South Levee—			
Salary of Weigher		298 38	
Repairs of Tools		87 00	
Thorp Scales—			
Salary of Weigher		249 96	
Furniture and Repairs	85 05		
Inspection	4 00		
Car Fare	3 60		
		92 65	
Soulard—			
Inspection		6 00	
South St. Louis Market—			
Repairs and Tools	106 07		
Inspection	2 00		
Fuel	6 12		
		114 19	
			3,536 88
Scavenger Dumps—Construction and Repairs—			
Wages of Carpenters and Laborers		936 00	
Repairs to Dump Boats		736 75	
Lumber		1,198 62	
Oil, Lead, Turpentine, etc		82 80	
Hardware, Nails, etc.		24 55	
Hauling Poles		17 00	
			2,995 7
Scavenger Dumps— Salaries and Current Expenses—			
Salaries of Superintendent and Watchmen		6,377 38	
Ice and Fuel	76 95		
Salt, Rope, Brooms, Oakum, etc.	86 22		
Hardware and Sundry Supplies.	93 33		
Lumber	94 47		
Repairs to Boats	14 00		
		364 97	
			6,742 35

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Sewer Contract Account—			
Work Done Under Ordinance No. 21,109			$141,338 75
Sewer—Public—			
New Sewer Inlets and Connections. Ordinance No. 20,816-20,028		$ 5,800 29	
New Sewer Inlets and Connections. Ordinance No. 21,107		807 41	
New Sewer on North Second Street. Ordinance No. 20,817		99 53	
New Sewer on Hall, North Market and First Streets		8,040 61	
New Sewer Rock Spring District		11,824 33	
			26,572 17
Sewers—Salaries, Current Expenses and Repairs—			
Salaries of Commissioner and Employes		48,487 99	
Wages of Laborers and Carts	$ 49,995 85		
Wages of Sewer Cleaners	1 50		
Draughtsmen and Surveyors' Supplies	200 76		
Tools and Repairs	833 37		
Horse Board and Hire	709 00		
Horse Shoeing and Veterinary Service	111 85		
Harness and Vehicle Repairs	21 50		
Printing and Stationery	709 29		
Postage	15 00		
Car Tickets	360 00		
Furniture and Repairs	116 14		
Rubber Boots	398 64		
City Directory	6 00		
Recorder of Deeds and Notary Fees	26 50		
Express and Freight Charges	80 91		
Telephone	305 80		
Lumber	73 50		
Dump Tickets	40 00		
Fuel	84 86		
Ice	5 23		
Float, Flags, etc., Civic Parade	361 66		
Typewriter and Repairs	12 50		
Roofing	72 00		
Oil, Towels, etc	23 78		
Office Rent	252 00		
Locksmith and Repairs	1 00		
Repairs to Sewer Inlets, etc., Requiring Prompt Attention	2,513 83		
Repairs to Sewers. Ordinance 20,668	7,205 79		
Emergency Work	25,675 04		
		90,213 30	
Mill Creek Sewer. Ordinance No. 20,756		748 54	
			139,449 83
Smoke Abatement Department—			
Salaries of Inspector and Deputies		6,194 00	
Car Fare	500 00		
Printing and Stationery	9 48		
Keeping and Shoeing Horses	228 10		
Harness and Vehicle Repairs	66 00		
Telephone Rent	140 20		
Postage	10 00		
City Directory	8 50		
Flags and Signs	1 75		
Sundry Office Supplies and Inspection Expenses	87 00		
		1,051 03	
Photographs and Supplies		180 82	
			7,425 85
Special Tax—Reconstructing Streets—			
Constructing Arsenal Street Sewer. Ordinance 20,546			2,000 00
Reconstructing Leonard Avenue. Ordinance No. 20,624			557 75
Constructing Sewer in Tower Grove Joint Sewer District. Ordinance 20,778			30,000 00
Constructing Sewer in Rock Springs Joint Sewer District. Ordinance 20,779			25,000 00
Reconstructing Cherokee Street. Ordinance No. 20,782			37 00
Reconstructing Broadway. Ordinance No. 20,843			1,471 00
Reconstructing Eighth Street. Ordinance No. 20,851			1,142 24
Reconstructing Twentieth Street. Ordinance No. 20,854			529 61
Reconstructing Spruce Street. Ordinance No. 20,879			218 00

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Reconstructing Ninth Street. Ordinance No. 20,881			$185 00
Reconstructing Magnolia Ave. Ordinance No. 20,890			176 78
Reconstructing Sidewalks on Louisiana Avenue. Ordinance No. 21,056			403 67
Reconstructing Jefferson Avenue. Ordinance No. 21,066			384 00
Sprinkling Plug System— Water Pipes. Ordinance No. 20,870			9,647 28
Sprinkling Streets—			
Sprinkling in District No. 1		$2,415 34	
" " No. 2		2,659 75	
" " No. 3		4,276 44	
" " No. 4		2,639 28	
" " No. 5		3,374 22	
" " No. 6		3,656 44	
" " No. 7		4,646 38	
" " No. 8		3,950 51	
" " No. 9		4,727 75	
" " No. 10		4,096 89	
" " No. 11		4,826 86	
" " No. 12		6,051 86	
" " No. 13		3,140 43	
" " No. 14		3,555 31	
" " No. 15		3,791 95	
" " No. 16		6,388 37	
" " No. 17		3,874 09	
" " No. 18		2,453 64	
" " No. 19		2,419 05	
" " No. 20		2,826 37	
" " No. 21		2,629 46	
" " No. 22		2,836 89	
" " No. 23		2,522 32	
" " No. 24		2,750 75	
" " No. 25		2,717 75	
" " No. 26		4,206 48	
" " No. 27		2,379 79	
" " No. 28		2,426 13	
" " No. 29		2,581 22	
" " No. 30		3,168 81	
" " No. 31		3,086 93	
" " No. 32		2,945 64	
" " No. 33		2,907 67	
" " No. 34		3,057 86	
" " No. 35		2,910 49	
" " No. 36		4,795 65	
" " No. 37		3,006 58	
" " No. 38		2,246 01	
" " No. 39		1,912 84	
" " No. 40		2,171 77	
" " No. 41		1,718 33	
" " No. 42		3,080 17	
" " No. 43		4,209 00	
" " No. 44		4,130 49	
" " No. 45		4,150 89	
" " No. 46		3,402 75	
" " No. 47		3,732 07	
" " No. 48		4,754 08	
" " No. 49		5,430 63	
" " No. 50		4,407 21	
" " No. 51		5,656 21	
" " No. 52		3,876 45	
" " No. 53		3,746 95	
" " No. 54		3,151 76	
Hire of Wagons		845 00	
			189,323 96
Street Bridges and Culverts, Contract Account			
Clark Avenue Bridge. Ordinance No. 18,831		12 03	
Grand Avenue Bridge. Ordinance No. 20,811		2,684 35	
Twenty-first Street Bridge. Ordinance No. 20,812		3,685 00	
Eighteenth Street Bridge. Ordinance No. 20,813		764 90	
Kingshighway Bridge. Ordinance No. 21,346		5,522 08	
			12,668 36
Street Bridges and Culverts—Miscellaneous and Repairs—			
Salaries of Engineers and Surveyors		3,999 96	
Wages of Laborers and Teams	$25,055 65		
Lumber, Cedar Blocks, etc.	4,941 43		

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Oil, Alcohol and Lead	$ 774 30		
Sewer Connections	194 91		
Brick, Clay Pipe, Sand, Cement, etc	5,063 17		
Steel Columns, Beams, Hardware, etc	5,018 57		
Coal and Ice	21 85		
Tools and Repairs	160 55		
Removing Bridge	100 00		
		$ 41,330 43	
Printing and Stationery	35 56		
Draughtsmen and Engineers' Supplies	78 81		
Postage	10 00		
Telephone and Car Tickets	125 00		
Ice	3 88		
Testing Paint, Oil, etc	45 00		
		298 25	
			$ 45,628 64
Street Cleaning—Block System—			
Wages of Foreman, Laborers and Hire of Teams		98,177 40	
Tools, Brooms and Scrapers		331 00	
Rubbish Cans		480 00	
			98,988 40
Street Cleaning—Floating Dumps—			
Salaries of Watchmen		5,374 70	
Wages of Laborers and Hire of Teams	1,254 00		
Docking and Repairing Boats	2,362 01		
Lumber	323 16		
Fuel	27 81		
Hardware, Oil, Salt, Oakum, Rope and Lamps	192 29		
Soap, Brooms, Buckets and Matches	14 02		
Ice	26 29		
Towing and Dumping	22 50		
Turpentine and Lead	140 01		
Glazing	2 95		
		4,365 04	
			9,739 74
Street Cleaning—Labor and Carts—			
Wages of Laborers and Hire of Teams			268,354 50
Street Cleaning—Stone, Wood Block and Asphalt Pavements—			
Sweeping and Cleaning Under Ordinance Contract		93,737 08	
Wages of Laborers		76,807 53	
			170,544 61
Street Commissioner's Department—			
Salaries of Commissioner and Employes		40,719 48	
Salaries of Superintendent and Inspectors of Sprinkling		4,200 00	
Printing and Stationery	1,787 69		
Hardware, Locksmith and Repairs	26 72		
Car Tickets	100 00		
Telephone and Clock Rent	250 25		
Maps and City Directory	64 65		
Engineers and Draughtsmen's Supplies	310 38		
Horse Board and Carriage Hire	1,835 90		
Horse Shoeing and Veterinary Service	190 30		
Awnings	9 90		
Typewriter and Repairs	100 00		
Harness and Vehicle Repairs	260 00		
Furniture and Repairs	68 87		
Lumber and Iron Posts	483 51		
Gas and Fuel	41 28		
Horses	350 00		
Testing Creosoted Blocks, etc	401 19		
Float, Flags, etc., Civic Parade	410 22		
New Harness, Blankets, Buggies, etc	308 60		
		6,999 46	
Street Sprinkling Account—			
Horse Board	740 00		
Printing and Stationery	170 00		
Telephone	120 00		
		1,030 00	
			52,948 94
Street Grades and Surveys—			
Salaries of Engineers and Draughtsmen		9,330 00	
Horse Board	587 17		
Veterinary Service and Horse Shoeing	52 25		
Draughtsmen's Supplies	50		
		639 92	
			9,969 92

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Street Repairs--Macadam and Other Materials—			
Macadam, Gravel, Lime, Oil, and Brick		$96,278 84	
Expert on Work		14 00	
Boiler House for Steam Crusher at Work House		364 60	
Babbitt and Brake Pins		15 50	
Labor and Hire of Carts		35,971 80	
Wire Lacing and Rubber Belt		116 19	
Hardware		49 11	
Switching and Freight Charges		3,688 60	
			$156,498 73
Street Repairs--Miscellaneous Expenses—			
Wages of Laborers and Hire of Teams		48,338 25	
Rollers and Graders, Repairs	$1,956 24		
Lumber	897 10		
Fuel and Ice	1,096 95		
Keeping and Shoeing Horses	1,995 33		
Rent of Offices for District Superintendent	1,000 00		
Nails, Tapers and Dynamite	44 51		
Oil, Waste, Paint, Turpentine, etc.	146 59		
Gutter, Paving, Clay Pipe, Sand, etc	705 78		
Brooms, Mops, Dusters, Lanterns, etc	47 77		
Printing and Stationery	438 40		
Furniture and Repairs	16 85		
Street Brooms, Hardware and Badges	323 55		
Dump Checks	976 25		
New Rollers, Sweepers and Scrapers	270 00		
Street Signs	41 80		
Telephone Rent	54 00		
Construction Sewer Inlets	2,024 96		
		12,036 08	
Cleaning Inlets and Cutting Weeds, Wages		5,999 06	
Repairing Gutters, Curbs and Crosswalks		19,478 41	
			85,851 80
Street Repairs-- Reconstructed Streets—			
Asphalt—Semi-annual Payments		15,118 58	
Wages of Laborers and Hire of Teams	68,820 28		
Macadam and Brick	4,958 75		
Cement, Asphalt, Lime and Sand	1,985 51		
Buckets	10 08		
Rent of Plant, Tools and Repairs	551 96		
Taking Up and Relaying Asphalt	3,467 58		
		79,794 16	
Retained Percentage		3,325 52	
			98,238 26
Street Repairs Salaries -			
Wages of Superintendent and Laborers			22,291 60
Street--Special and Temporary Service -			
Wages of Inspectors and Laborers			106,428 96
Temporary Deposits to Pay Special Taxes			1,203 84
Treasury Warrants--Old, Prior to 1870—			
Redeemed by City Treasurer			3 00
Treasury Notes—			
Issue of 1873 Redeemed by City Treasurer			4 00
Unclaimed Alllowances on Estates, Sec. 237, Rev. Stat., 1899			41 53
Water Pipe Contract Account --			
Laying Water Pipes in Sundry Streets--			
Under Ordinance No. 20,967		202,723 80	
Under Ordinance No. 20,559		9,512 73	
Under Ordinance No. 20,596		2,083 52	
Under Ordinance No. 21,006		44,321 48	
			258,641 53
Water Meters -			
Purchase of Meters Under Ordinance No. 20,869			14,808 75
Water Works			
Commissioner's Office -			
Salaries of Commissioner and Employes	8,880 00		
Printing and Stationery	715 57		
Towels and Washing	8 69		
Sampling and Testing Coal	300 00		
Rent of Typewriter and Repairs	77 40		
Brooms, Brushes, Mops, Dusters, etc.	72 35		
Express Charges and Telegrams	29 22		
Furniture and Repairs	145 30		
City Directory	6 00		
Horse Board	240 00		
Traveling Expenses	228 60		

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Carpenter Work	$ 54 90	
Telephone and Clock Rent	372 00	
Postage	249 50	
		$11,379 53
Distribution System—		
Salaries of Engineers and Draughtsmen	13,960 55	
Draughtsmen and Surveyors' Supplies	448 02	
Printing and Stationery	327 98	
Car Tickets	253 05	
Horse Board	493 65	
Horse Shoeing	85 61	
Harness and Vehicle Repairs	158 35	
Electrolytic Survey	750 00	
Expenses to Inspect Pipes at Various Places	448 65	
Veterinary Service and Horse Clipping	11 00	
Testing	77 00	
Furniture and Repairs	120 60	
Gauges and Repairs	21 20	
Brushes, Hardware and Lumber	40 50	
Hotel Expenses, etc	480 75	
New Harness and Horses	209 50	
Typewriter and Repairs	90 75	
Maps	25 00	
Plumbing	5 30	
		18,007 46
Tap and Meter Department—		
Salary of Superintendent, etc	11,363 42	
Meters and Repairs	8,919 13	
Taps, Stop Cocks, Dials, Wrenches, etc	2,973 64	
Lead Pipe, Solder, Lumber and Brick	143 18	
Printing and Stationery	65 15	
Horse Board and Forage	972 90	
Horse Shoeing	191 67	
Harness and Vehicle Repairs	244 67	
Towels and Washing	17 02	
Veterinary Service and Horse Clipping	32 00	
Clocks	6 50	
Switching Charges	7 00	
Oil, Soap, Sawdust and Packing	32 20	
Car Tickets	30 00	
		24,998 48
Settling Basins—		
Salaries of Superintendent and Keepers	69,456 98	
Printing and Stationery	46 25	
Car Tickets	20 00	
Forage and Horse Shoeing	463 92	
Castings and Repairs, Wire Rope, Hardware, etc	2,859 18	
Hand Car Wheels, Lumber and Telegraph Poles	10,020 25	
Paints, Oils, Glass, Putty and Rope	634 84	
Clay Pipe, Brick, Sand, Gravel, Macadam, etc	1,910 63	
Sole Leather, Brogans, Rubber Boots, Oakum, etc	592 23	
Plumbing and Supplies	71 66	
Furniture and Repairs	28 82	
Traveling Expenses, Freight Charges	242 68	
Harness and Vehicle Repairs and Hire	76 45	
Seed and Trees	101 90	
Garden Tools, Lawn Mowers, etc	827 32	
Scales	136 00	
Rent of Crusher and Hoisting Engine	454 50	
Fuel	15 76	
Avenaruis, Phenosote and Salt	509 25	
Electric Motor and Supplies	1,322 56	
Repairing Roof	146 80	
Divers' Services	61 00	
		89,998 98
Inspection—		
Salaries of Inspectors	15,546 81	
Clock Rental	12 00	
Car Tickets	280 00	
Stationery	76 30	
Badges and Car Seals	28 10	
City Directory	6 00	
Furniture and Repairs	13 50	
		15,962 71
Electric Plant and Railway —		
Salaries of Conductors, Mechanics, Laborers and Electricians	8,344 34	
Sundry Supplies	1,085 23	
		9,429 57

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Storage Reservoirs—

Salaries of Superintendent and Keepers	$12,582 51	
Coal and Ice	44 73	
Lumber	545 11	
Oil, Paint, Turpentine, Brushes, etc	62 55	
Clay Pipe, Gravel, Sand, Cement, etc	196 71	
Steel and Iron Castings, Hardware, etc	243 59	
Tools and Repairs	55 02	
Trees, Seeds and Plants	209 25	
Roofing	137 00	
Awnings	13 50	
Repairing Reservoir Basins	2,133 00	
		$16,222 97

High and Low Service Engines—

Salaries of Engineers, etc	157,201 31	
Coal	111,308 79	
Repairs of Engines, Machinery and Boilers	3,253 90	
Tools and Repairs	420 24	
Lumber, Mill Work and Shavings	440 75	
Cement, Lime, Brick, Fire Clay, etc	278 68	
Iron and Steel Castings, Valves, Gaskets	6,950 80	
Hardware, Locks and Roofing Material	853 36	
Paint, Glass, Gasoline, Turpentine, etc	1,138 70	
Printing and Stationery	717 20	
Ice	499 74	
Furniture and Repairs	175 28	
Telephone	147 70	
Adding Machine	375 00	
Typewriter and Supplies	106 75	
Postage	12 75	
Switch Board and Connections	24 15	
Plumbing	37 40	
Mechanical Tube Cleaner	450 00	
Car Tickets	180 00	
Mops, Soap, Soda, Towels, Brooms, etc	785 29	
City Directory	6 00	
Carriage Hire	70 00	
Awnings and Flags	12 35	
Inspecting Scales and Repairs	81 15	
Meals	129 90	
Rubber Hose	248 22	
Burlap Sacks	500 00	
Repairing Roof of Engine and Boiler House	284 00	
Telephone Box	50 00	
Oil, Packing, Waste, Grease and Polish	6,709 53	
		293,448 94

Street Service Department—

Salaries of Superintendents, Keepers and Laborers	112,165 67	
Tools and Repairs	835 73	
Lumber	3,417 13	
Lead and Zinc	956 20	
Fire Plugs, Steam Valves, Gaskets, etc	450 16	
Sewer Repairs, Clay Pipe Cement, Sand, etc	5,330 51	
Steel, Iron, Machinery, Castings, etc	3,027 97	
Soap, Chamois, Sponges, Brooms, etc	43 77	
Oil, Paint, Putty, Packing, etc	621 20	
Horse Shoeing	520 04	
Forage, Bedding, etc	3,489 30	
Printing and Stationery	229 63	
Veterinary Service and Horse Clipping	148 25	
Car Tickets	340 00	
Fuel	158 29	
Ice	211 41	
Telephone and Clock Rent	274 65	
Towels and Washing	15 93	
City Directory	6 00	
Furniture and Repairs	178 09	
Harness and Vehicle Repairs	904 90	
Dump Tickets	32 50	
Switching Charges and Damage to Cars	100 00	
Horse Blankets and Covers	57 75	
Repairing Streets	30 75	
Horses	175 00	
Float and Design for Parade	462 82	
Repairing Scales, Awnings and Repairs	274 50	
Plumbing	288 89	
Typewriter and Repairs	52 50	

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Carpentry Work and Whitening	$ 82 06		
Guttering and Roofing Material	122 32		
Wood Preserver	357 55		
		$135,362 07	
			$614,810 71
Water Works—Cost and Legal—			
Traveling Expenses, Car Fare and Express Charges	581 77		
Salaries of Chemists, Clerks, Helpers, etc	2,957 00		
Stenographer	27 00		
Salaries Commissioner and Expert Witness	2,593 31		
Printing	36 25		
		6,195 33	
Water Works Extension—Salaries and Expenses—			
Salaries of Engineers, Draughtsmen and Surveyors		15,775 42	
Printing and Stationery	370 32		
Car Tickets	343 30		
Engineers, Draughtsmen and Surveyors' Supplies	341 60		
Electric Power, Fuel, Gas, etc	140 14		
Oil, Mops, Brooms, Soap, Matches	127 69		
Hardware and Heating Apparatus	117 23		
Apparatus, Machinery, Chemical and Repairs	19 74		
Lumber	19 00		
Towels and Washing	77 12		
Telephone	130 85		
Tools, Repairs and Plumbing	220 18		
Furniture and Repairs	100 65		
Horse Board	83 50		
Horse Shoeing	52 95		
Harness and Vehicle Repairs	83 50		
Testing Analysis	278 00		
City Directory	6 00		
Traveling Expenses of Inspectors to Various Places	43 30		
Veterinary Service	4 00		
Telegrams, Express Charges	6 90		
Typewriter and Repairs	79 00		
New Harness	21 00		
Cement Molds and Comptometer	277 50		
Roofing on Store Room and Coal House	55 51		
Paint	38 17		
Postage	45 00		
		3,082 15	
			18,857 57
Water Works Extension—			
Pumping Engines Nos. 6 and 7. Ordinance 17,263			1,060 00
Revetment of River Bank, Chain of Rocks. Ordinance 19,004			999 02
High Service Engines Nos. 11 and 12. Ordinance 19,630			122,122 56
Purchase of Real Estate. Ordinance 20,397			9,000 00
Erection of Buildings for Pipe Yard. Ordinance 20,774			14,023 22
Water Works Reconstruction—			
Boiler Plant at High Service Pumping Station No. 1. Ordinance No. 18,994 and 20,237			32,836 75
Erection of Machine Shop, etc., and Reconstruction of Boiler House at High Service Station No. 1. Ordinance 20,392			14,721 31
Reconstruction of Boiler Plant at High Service Station No. 2. Ordinance 20,655			2,276 98
Witness and Other Fees—Special Fund			107 40
Witness and Other Fees—Special Fund—			
Criminal Cases			21,897 60
Work House—			
Salaries of Superintendent, Guards, Foremen, etc		21,959 76	
Groceries and Provisions	5,102 45		
Bread	8,448 46		
Meat and Fish	11,171 25		
Ice	205 57		
Fuel	2,852 99		
Fruits and Vegetables	18 30		
		27,799 02	
Drugs and Medicines	472 87		
Dry Goods, Clothing, Bedding, etc	1,160 52		
Soap, Brooms, Brushes, Oil, and Mops	520 28		
Sole Leather, Findings, Brogans, etc	661 16		
Kitchen Utensils, Tinware, etc	220 70		

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Disinfectant and Exterminator	$100 00		
Household Furnishings, Carpets, Stoves, etc.	862 02		
		$3,997 55	
Forage		4,054 57	
Cows		53 00	
Traveling Expenses to Convention		92 20	
Guns, Ammunition, Tools and Powder	1,868 44		
Harness and Vehicle Repairs	238 45		
Printing and Stationery	118 94		
Furniture	28 25		
Lumber	222 43		
Postage	35 00		
Fuel and Shavings	90 94		
Clipping Horses and Veterinary Service	15 50		
Hardware, Iron and Steel	969 35		
Awnings and Flags	5 35		
Seeds, Lime, and Gardeners' Tools	69 49		
Thermometers and Badges	25 25		
Inspecting Scales	7 00		
Car Tickets	30 00		
Harness, Whip, etc.	147 25		
		3,871 64	
Labor and Materials for Repairs—			
Lumber	24[illegible] 36		
Oil, Paint, Glass, Brushes and Varnish	359 57		
Fire Clay, Lime, Cement, Sand, etc.	52 75		
Repairing Boiler and Heating Apparatus	388 73		
Painting and Papering	50 00		
		1,095 41	
Special Appropriations—			
Repairing Roof and Gutters		150 00	
Bills Unpaid at Beginning of Fiscal Year		337 45	
			$63,410 60
Total Amount of Warrants Drawn During Fiscal Year Ending April 11, 1904			$10,705,852 98

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Ledger Balances Ending Monday, April 11, 1904.

City of St. Louis	$23,483,973 23	
General Bond Account "City"		$16,066,278 30
Park Board Account		1,900,000 00
St. Louis Gas Light Co. Judgment Bond Account		950,000 00
St. Louis World's Fair Bond Account		4,623,000 00
Bills Receivable	9,283 44	
F. W. Baum	922 13	
James Garrity	5 25	
William G. Heitmeyer	1 00	
E. J. Moriarty	178 00	
S. F. Sallman	149 32	
M. E. Susisky	44,765 93	
James M. Franciscus, Jr., Treasurer, University Scholarship Investment Account	7,000 00	
University Scholarship Investment Account		7,000 00
Treasury Warrant Account, "Old"		24 25
City Treasury Note, Issue 1873		57 25
Sinking Fund		1,497,047 29
Sinking Fund, Account World's Fair Bonds—Ord. 20,641		510 00
Floating, 122,992 55		
Warrant Account.....On hand, 240,203 47		363,196 02
General Account		1,400,811 69 45
James M. Franciscus, Jr., Treasurer	7,423,195 96	
L. F. Hammer, Jr., Collector—		
State Licenses	9,250 00	
Licenses, etc.	70,186 40	
Wharfage	18,480 55	
Street Openings, Special Taxes	105,045 50	
Street Sprinkling, Special Taxes, 1903	25,345 96	
" " " " 1902	12,877 04	
" " " " 1901	3,670 63	
" " " " 1900	3,731 48	
" " " " 1899	1,547 67	
" " " " 1898	1,798 27	
" " " " 1897	883 07	
" " " " 1896	669 77	
" " " " 1895	557 97	
" " " " 1894	468 11	
" " " " 1893	356 70	
" " " " 1892	344 98	
" " " " 1891	171 45	
" " " " 1890	89 92	
" " " " 1889	64 76	
" " " " 1888	48 33	
Boulevard Special Taxes	30,428 49	
Current Revenue—		
Back Taxes, 1903		47,090 71 50
" " 1902	126,434 21 60	
" " 1901	61,765 99 30	
" " 1900	34,432 86 70	
" " 1899	17,439 28 80	
" " 1898	13,445 27 60	
" " 1897	4,748 90 40	
" " 1896	5,326 08 70	
" " 1895	3,296 91	
" " 1894	4,978 12 40	
" " 1893	4,467 91 40	
" " 1892	4,206 28	
" " 1891	3,270 02	
" " 1890	2,593 89	
" " 1889	2,832 32	
" " 1888	2,574 44	
" " 1887	1,804 79 25	
Delinquent Personal Taxes	409,815 58 80	
F. Scharwitz, Assessor and Collector of Water Rates	363,259 50	
Paul Young, Jr., Recorder of Deeds		1,409 00
James Scullin, Marshal First District Police Court		3,382 00

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James Scullin, Marshal Second District Police Court		$1,088 50
James Scullin, Marshal South St. Louis Police Court		12 50
P. J. McMahon, Inspector of Weights and Measures	$1,163 15	
J. G Branch, Inspect or of Boilers and Elevators	3,777 00	
G. W. Heimburger, Commissioner of Public Buildings	1,014 00	
F. A. J. Hiller, Clerk Board of Health and Commissioner	186 00	
P. R. Fitzgibbon, Register	9 00	
O. J. Macaulay, Clerk First District Police Court	2 50	
P. McHale, Weigher Bridge Scales	44 80	
George M. Burke, Weigher City Market Scales	165 25	
Timothy Kelly, Weigher Thorpe Scales	16 00	
William Rott, Market Master and Weigher Soulard Market Scales	50 70	
Joseph Murphy, Market Master and Weigher South St. Louis Market Scales	58 00	
P. J. Clifford, License Collector	94,254 55	
Patrick H. Clarke, Factory Inspector	344 00	
National Bank of Scotland, Limited, London, England	33,352 28	
J. S. Morgan & Co., London, England	41,163 77	
National Bank of Commerce in New York	197,969 51	
First National Bank, New York	9,712 00	
Payments City Bonded Indebtedness Account		282,197 56
Interest and Public Debt Revenue		406,977 66
Municipal Revenue		674,174 76
Water Works Revenue		2,020,332 43
Harbor Fund		78,595 85
Opening Streets, Special Fund	76,078 83	
Street Sprinkling, Special Fund	87,898 29	
Boulevard, Special Fund	30,386 86	
Changing Street Grades, Special Fund	311 30	
Old County Claims		2,242 43
Redemption of Land Sold for Taxes		662 53
Refunding Licenses and Taxes, Thirteenth Ward		83 95
Refunding Water Pipe Special Taxes		862 94
North Wharf, Floating Debt		32 59
Retained Percentage, Contract No. 5598		8,539 12
" " " 5803		25,237 49
Contract and Other Deposits		98,794 92
Pay Roll Account, Special Fund		4,419 33
Public Library, Special Fund		10,388 54
Poor House Dairy		6,100 00
Witness Fees and Other Fees, Special Fund		932 04
Witness and Other Fees, Special Fund, Criminal Cases		2,758 85
Police—Erection of Staton House and Stables, and Purchase of Lots		202 97
Water Works Costs and Legal Expenses		14,264 57
Water Meters. Ordinance No. 20,869		191 25
Sprinkling Plug System Ordinance No. 20,870		90,352 72
Salaries and Expenses of Deputy Sheriffs, Account Strike, 1900	96,776 21	
Clarifying and Purifying Water Supply, Ordinance No. 21,026		35,442 85
Garbage and Investigation Commission, Ordinance No. 21,206		100 00
New Public Buildings Commission, Ordinance No. 21,226		5,000 00
Erection of New City Hall " 15,558		126,421 89
Jail—Erection of Stable " 19,986		350 00
Erection of New City Hospital " 20,162		248,499 26
" Wright Street Drinking Fountain. Ordinance, 20,459		300 00
Erection of Kitchen, Laundry, etc., at Female Hospital, Ordinance No. 20,557		111 69
Erection of Electric Light Plant at Water Works, Ordinance No. 20,207 and 20,464		23,521 85
Erection Elevators at New City Hall, Ordinance No. 20,828		194 99
Erection of New Buildings at Poor House, Ordinance No. 21,227		99,954 03
Alterations and Reconstruction of Engine House No. 6, Ordinance No. 20,465		549 89
Construction of Hospital Building at Poor House, Ordinance No. 20,692		538 37
Construction of Electric Light Plant at New City Hall. Ordinance No. 20,837		488 10
Improvement and Alteration of Four Courts Building. Ordinance No. 20,834		282 04
Fund for Construction of Free Bath Houses, Ordinance No. 20,820		30,000 00
Improvement of Concourse Drive and Pagoda Lake at Forest Park. Ordinance No. 21,111		9 20

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Drinking Fountain at E. Grand Avenue. Ordinance No. 21,284			$ 600 00
Improvements in Forest Park, Ordinance No. 21,286			5,486 26
State University Scholarship Fund			42 68
State University Scholarship Fund, Income Account			1,703 98
Purchase of Lot for Engine House. Ordinance No. 14,990			2,000 00
" " " " "		19,353	6,669 83
Relief of W. J. Wait	"	18,281	1,950 00
" C. J. and D. F. Behernes.	"	20,407	879 39
" Thomas Dunn	"	21,406	594 16
" E. H. Prietzel	"	21,421	150 00
" John Fitzgerald	"	21,423	975 00
" John H. Smith, Trustee.	"	21,425	125 00
" Compton Hill Imp. Co.	"	21,448	4,556 65
Emergency Hospital	"	21,342	167 75
Poor House	"	21,344	5,300 00
Engine House	"	21,071	3,576 16
" "	"	21,320	14,000 00
" "	"	21,327	14,500 00
" "	"	21,353	17,655 30
Opening Streets—Floating Debt			1,644 60
" Alley in Block 2346	Ordinance No.	12,647	50 00
" " " 3052	"	15,102	284 76
" " " 3924	"	15,103	37 50
" Rappahannock Street	"	15,312	11 35
" Wisconsin Avenue	"	15,316	461 33
" Montgomery Street	"	15,623	5 00
" Cottage Avenue	"	15,624	33 00
" Alley in Block 2088	"	15,676	12 50
" " " 3757	"	15,678	27 50
" " " 3758	"	15,679	22 22
" " " 3906	"	15,681	22 50
" " " 2487	"	15,856	25 00
" " " 3307	"	16,046	25 00
" " " 3724	"	16,047	30 00
" " " 2428	"	16,079	5 00
" " " 3037	"	16,081	25 00
" " " 4876	"	16,084	75 00
" " " 2320	"	16,182	15 00
" " " 1048	"	16,252	2 00
" St. Vincent Avenue	"	16,403	4,304 10
" Alley in Block 2323	"	16,404	40 95
" " " 3006	"	16,411	230 90
" " " 4582 and			
" " " 4583	"	16,542	42 60
" Lucky Street	"	16,779	25 20
" Howard Street	"	17,271	31 00
" Delmar Avenue	"	17,272	237 50
" Briggs Avenue	"	17,357	1 00
" Forest Avenue	"	17,358	1 00
" Skinker Road	"	17,359	43 00
" Alley in Block 1428	"	17,364	14 50
" " " 3762	"	17,366	30 00
" Boyle Avenue	"	17,455	1 00
" Alley in Block 1982	"	17,478	30 00
" " " 3398	"	17,479	30 00
" Baldwin Street	"	17,938	2 50
" Belleglade Avenue	"	17,939	2 00
" Chippewa Street	"	17,940	24 00
" Hickory Street	"	17,942	1,500 00
" Ohio Avenue	"	17,943	30 00
" Whittier Street	"	17,945	2 00
" Alley in Block 3001	"	17,956	50
" Minnesota Avenue	"	18,178	87 00
" McPherson Avenue	"	18,180	1 00
" Alley in Block 3768 E.	"	18,217	10 00
" " " 3768 W.	"	18,218	7 00
" " " 2269	"	18,219	7 45
" Meramec Street	"	18,240	5 50
" Rutger Street	"	18,307	1,320 00
" Alley in Block 3785	"	18,360	7 25
" " " 3786	"	18,361	7 80
" Lucky Street	"	18,362	108 00
" Wisconsin Avenue	"	18,473	38 40
" Alley in Block 3788	"	18,588	80 00
" " " 3789	"	18,589	25 00
" " " 3791	"	18,590	105 00
Widening Ashland Avenue	"	18,597	265 00
Opening Alley in Block 2287	"	18,606	1 00
" " " 3778	"	18,690	2 00
" Cora Avenue	"	18,809	1 00

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Opening Alley in Block 3790	Ordinance No.	18,849	$ 50 00
" " " 2199	"	18,850	3 00
" Belt Avenue	"	18,907	12 00
" Alley in Block 2952	"	19,146	24 00
" " " 3792	"	19,369	110 25
" " " 3798	"	19,371	17 50
" " " 4913	"	19,373	326 35
" " " 3797	"	19,414	10 50
" " " 4525	"	19,415	100 00
" " " 4527	"	19,530	3 00
" " " 4528	"	19,531	77 50
" Theodosia Avenue	"	19,532	1 00
" Alley in Block 3796	"	19,583	52 50
" " " 4914	"	19,584	67 50
" " " 3979	"	19,632	3 28
" " " 3795	"	19,687	162 25
Widening Chippewa Street	"	19,731	12 00
" Alleys in Blocks Nos. 3690 and 3691	"	19,799	37 50
Opening Alleys in Block 820	"	19,814	230 75
" " " 3982	"	19,818	185 00
" " " 4445	"	19,819	151 65
" " " 1060	"	19,836	122 80
" " " 3805	"	19,862	140 00
" " " 1455	"	20,050	18 43
" " " 2267	"	20,053	56 00
" " " 3714	"	20,054	315 00
Widening N. and S. Alley in Block 821 N	"	20,057	19 75
Opening Von Verson Avenue	"	20,062	14 00
" Alley in Block 4530	"	20,224	50 00
" " " 1257	"	20,248	36 70
" " " 4557	"	20,252	1,234 50
Widening Broadway	"	20,404	575 83
Opening Alley in Block 3716	"	20,431	157 80
" De Baliviere Avenue	"	20,449	1 00
Widening St. Louis Avenue	"	20,467	917 00
Opening Alley in Block 3618	"	20,470	242 01
" " " 1518	"	20,472	204 00
Widening Broadway	"	20,487	183 00
Opening Alley in Block 2983	"	20,489	12 00
Widening Alley in Block 2166	"	20,491	2 00
Opening Alley in Block 3644 B	"	20,497	62 50
" Fyler Avenue	"	20,498	856 35
" Alley in Block 1517	"	20,586	25 00
" " " 1901	"	20,587	7 00
" " " 4057	"	20,590	15 00
" " " 1816	"	20,591	35 00
" " " 3829	"	20,592	294 95
Opening Seventh Street	"	20,612	2 00
" St. Vincent Avenue, Lots, Special Account	"	20,580	229 58
" Alley in Block 2472	"	20,672	1 00
" " " 2955	"	20,674	27 50
" " " 2953	"	20,718	34 00
" " " 2967	"	20,944	100 00
" " " 3311	"	20,945	20 00
Widening Kingshighway	"	21,050	551 00
Opening Alley in Block 2486	"	21,051	25 00
" " " 3778	"	21,052	901 00
" " " 3775	"	21,148	1,062 00
" " " 3919 E	"	21,169	751 00
" " " 4877 A	"	21,319	497 85
" " " 2992 B	"	21,350	1,038 50
" San Francisco Ave	"	21,217	251 00
Sewer Contract Accounts—			
Blackstone Sewer	Ordinance No.	21,109	11,661 25
Northwestern Sewer	"	21,279	15,000 00
Ninth Street Sewer	"	21,372	7,000 00
North Market Sewer	"	21,373	3,000 00
Gustine Aveneue Sewer	"	21,376	1,200 00
Delmar Boulevard Sewer	"	21,377	1,350 00
Kossuth Avenue Sewer	"	21,428	500 00
Manchester Road Sewer	"	21,444	33,000 00
Gimblin Road Sewer	"	21,446	30,950 00
Sundry New Sewer inlets, etc	"	21,388	3,000 00
Street Bridges and Culverts —Contract Account— Reconstruction—			
Grand Avenue Bridge	Ordinance No.	21,338	7,000 00
Twenty-first Street Bridge	"	21,413	3,000 00

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Kingshighway Boul. Bridge	Ordinance No.	21,346	$34,477 92
Ewing Avenue Bridge	"	21,392	9,000 00
Union Boul. Bridge	"	21,402	16,000 00
Wabash R. R. Bridge	"	21,415	15,000 00
Special Tax—			
Reconstruction Seventh Street	"	19,941	229 00
" Easton Avenue	"	20,064	97 82
Dakota Street Sewer	"	20,168	241 28
Reconstruction Easton Avenue	"	20,268	596 97
" St. Louis Ave	"	20,309	162 38
" Laclede Avenue	"	20,342	184 00
Improving Compton Avenue	"	20,405	176 00
" Osage Street	"	20,406	1,270 00
Blackstone Avenue Sewer District No. 1	"	20,585	70 00
Reconstruction Leonard Ave	"	20,624	10 25
" Ewing Avenue	"	20,630	325 00
" Chestnut Street	"	21,181	3,500 00
Improvement of Manchester Ave	"	20,827	38 00
Reconstruction Eighth Street	"	20,851	118 76
" Twentieth Street	"	20,854	84 39
" Garrison Ave	"	21,098	651 00
" Lafayette Ave	"	21,138	7,849 00
" St. Louis Ave	"	20,883	295 00
Improvement of Magnolia Ave	"	20,890	164 22
" Hebert Street	"	21,020	2,122 00
" Fountain Ave	"	21,024	4,492 00
" R. Springs Sewer	"	21,065	8,500 00
" Louisiana Ave	"	21,056	286 33
" Meramec Street	"	21,069	44 00
" Meramec Street	"	21,070	1,689 00
" Grand Avenue	"	21,136	7,454 00
" Grand Avenue	"	21,137	10,699 00
" Grand Avenue	"	21,139	950 00
" Blackstone S'w'r	"	21,167	20 00
" Cote Brilliante Av	"	21,213	150 00
" Alley in Block No. 2344	"	21,384	372 00
Improvement Lindell Boulevard	"	21,403	2,600 00
Water Works Extension Accounts—			
Purchase of Real Estate, Ordinances Nos. 17,308, 19,185		16,352,	31 00
Gate House, etc., an Inlet Tower Chain of Rocks	Ordinance No.	16,436	5,568 75
Pumping Engines Nos. 6 and 7	"	17,263	39,076 16
Foundation for Engines, etc., Baden	"	17,339	10,672 32
Pump Main No. 7	"	17,652	27,748 97
Pumping Engines Nos. 8 and 9	"	18,562	40,119 46
Pump Main No. 8	"	18,563	40,721 38
Stand Pipe at Compton Hill Reservoir	"	18,565	17,575 65
Revetment of River Bank, Chain of Rocks	"	19,004	25,451 52
Construction of Bridges for Switch Track Over Horse Creek, etc	"	19,513	11,526 31
Pumping Engines at H. S. Pumping Station No. 3	"	19,630	3,706 68
Pump Main No. 9	"	20,078	69,263 69
Purchase of Real Estate	"	20,397	6,000 00
Erection of Buildings for New Pipe Yard	"	20,774	42,091 63
Construction of Covered Reservoir at Baden	"	20,775	249,363 74
Construction of Settling Basins Nos. 7 and 8 at Chain of Rocks	"	21,200	575,000 00
Extension of Water Distribution System Water Pipe Contract Accounts			
Laying Water Pipes	Ordinance No.	18,087	9,597 89
" " "	"	19,968	1,517 25
" " "	"	20,559	8,853 73
" " "	"	20,596	377 61
" " "	"	21,006	20,678 52
Water Pipe, Valves, Fire Plugs	"	20,387	2,037 27
" " "	"	20,558	3,831 31
" " "	"	20,595	28 37
" " "	"	20,962	22,276 20

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Water Works Reconstruction Accounts—				
Reconstruction of Boiler Plant at H. S. Pumping Station No. 1	Ordinance No.	17,651		$24,213 91
Reconstruction of Pumping Plant at H. S. Pumping Station No. 1	"	18,994 / 20,237 \		167,622 11
Erection of Machine Shop, Reconstructing Boiler House, etc., H. S. Pumping Station No. 1	"	20,392		31,486 12
Reconstruction of Boiler Plant at Chain of Rocks and H. S. Pumping Station No. 2	"	20,655		27,708 27
			$32,996,917 71	$32,996,917 71

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REVENUE FUNDS.

INTEREST AND PUBLIC DEBT REVENUE.

CR.

By Balance April 13, 1903	$ 736,009 24	
" Receipts During Fiscal Year	1,211,619 32	
" Unexpended Balance of Appropriation	11,596 60	
		$1,959,225 16

DR.

To Appropriation During Fiscal Year	1,552,247 50
Balance April 11, 1904	$406,977 66

MUNICIPAL REVENUE.

CR.

By Balance April 13, 1903	$ 375,759 93	
" Receipts and Transfers During Fiscal Year	8,251,563 20	
" Une xpended Balance of Appropriations	452,576 24	
		$9,079,899 37

DR.

To Appropriation and Transfers During Fiscal Year	8,405,724 61
Balance April 11, 1904	$674,174 76

WATER WORKS REVENUE.

CR.

By Balance April 13, 1903	$1,826,240 99	
" Receipts and Transfers During Fiscal Year	1,739,443 83	
" Unexpended Balance of Appropriation	52,220 45	
		$3,617,905 27

DR.

To Appropriation and Transfers During Fiscal Year	1,597,572 84
Balance April 11, 1904	$2,020,332 43

HARBOR FUND.

CR.

By Balance April 13, 1903	$50,098 86	
" Receipts During Fiscal Year	82,968 28	
" Unexpended Balance of Appropriation	16,238 91	
		$149,306 05

DR.

To Appropriation and Transfers During Fiscal Year	70,710 20
Balance April 11, 1904	$78,595 85

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BANK ACCOUNTS.

NATIONAL BANK OF SCOTLAND, LIMITED, LONDON, ENGLAND.

DR.

To Balance April 13, 1903	$32,734 30	
" Remittance During Fiscal Year	53,531 50	
		$86,265 80

CR.

By Coupons Paid During Fiscal Year	$52,646 68	
" Commissions	263 20	
" Postage	3 64	
		52,913 52
Balance to Credit of City, April 11, 1904		$33,352 28

J. S. MORGAN & CO., LONDON, ENGLAND.

DR.

To Balance April 13, 1903	$40,331 35	
" Interest on Cash Balances	833 42	
		$41,164 77

CR.

By Coupons Paid During Fiscal Year		
" Postage		1 00
Balance to Credit of City, April 11, 1904		$41,163 70

NATIONAL BANK OF COMMERCE, NEW YORK.

DR.

To Balance April 13, 1903	$203,838 98	
" Remittances During Fiscal Year	719,134 76	
		$922,973 74

CR.

By Coupon Paid During Fiscal Year	$519,832 20	
" Interest on Registered Bonds	204,522 28	
" Commissions	649 75	
		725,004 23
Balance to Credit of City, April 11, 1904		$197,969 51

FIRST NATIONAL BANK OF NEW YORK.

DR.

To Balance, April 13, 1903	$ 9,592 00	
" Remittances During Fiscal Year	14,100 00	
		$23,692 00

CR.

By Coupons Paid During Fiscal Year	$13,380 00	
" Interest on Registered Bonds	600 00	13,980 00
Balance to Credit of City, April 11, 1904		$9,712 00

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BONDS ISSUED BY OLD COUNTY OF ST. LOUIS.

FOR FOREST PARK.

Authority for Issue.	Amount Issued.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Annual Interest Due on Principal.	Amount of Principal Outstanding.
State Act, February 2, 1875, and Order of County Court, February 18, 1875	$1,300,000	April 1, 1875.	6 per cent.	30	April 1, 1905.	$78,000 00	$1,300,000 00

FOR O'FALLON PARK.

State Act, March 12, 1875, and Order of County Court, February 18, 1875	$400,000	April 1, 1875.	6 per cent.	30	April 1, 1905.	$24,000 00	$400,000 00

FOR CARONDELET PARK.

State Act, March 12, 1875, and Order of County Court, February 18, 1875	$200,000	April 1, 1875.	6 per cent.	30	April 1, 1905.	$12,000 00	$200,000 00

RECAPITULATION OF CITY'S BONDED DEBT.

General Bond Account—"City"		
Renewal Bonds and for Other Purposes	$16,066,278 30	
St. Louis Gas Light Company—Judgment	950,000 00	
St. Louis World's Fair Bonds	4,623,000 00	
		$21,639,278 30
General Bond Account—"County"		
Park Bonds		1,900,000 00
		$23,539,278 30

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STATEMENT OF CITY'S BONDED DEBT ON APRIL 11, 1904.

BONDS ISSUED BY THE CITY FOR GENERAL PURPOSES AND TO REDEEM MATURING BONDS.

Authority for Issue.	Amount Issued.	When Issued.	Rate of Interest.	Years to Run.	When Due.	Amount of Bonds Canceled	Bonds when Canceled	Annual Interest Due on Principal.	Amount of Principal Outstanding.
Ordinance No. 5,780	$ 245,000	April 10, 1866	6 per cent.	40	April 10, 1906			$ 14,700 00	$ 245,000 00
" 13,932	2,231,000	June 25, 1887	365 "	20	June 25, 1907	$ 6,000 00	Mar. 30, 1889	81,212 50	2,225,000 00
" 13,932 and 14,046.	388,000	June 25, 1887	365 "	20	June 25, 1907			14,162 00	388,000 00
" 13,932 and 14,046.	231,100	June 25, 1887	365 "	20	June 25, 1907			8,435 15	231,100 00
" 13,932 and 14,046.	1,559,000	April 10, 1888	4 "	20	April 10, 1908			62,360 00	1,559,000 00
" 14,347	1,985,000	July 1, 1888	4 "	30	July 1, 1918			79,400 00	1,985,000 00
" 15,061	275,000	Aug. 1, 1889	350 "	30	Aug. 1, 1919			9,625 00	275,000 00
" 15,367	12,000	June 2, 1890	350 "	30	June 2, 1920			420 00	12,000 00
" 15,367, 15,559, etc.	£ 513,700	Nov. 2, 1891	4 "	20	Nov. 2, 1911	£ 433 25	Nov. 6, 1896	99,899 51	2,497,487 80
" 16,685	$1,155,000	Nov. 1, 1892	4 "	20	Nov. 1, 1912			46,200 00	1,155,000 00
" 17,253	£ 257,000	Oct. 2, 1893	4 "	20	Oct. 2, 1913			50,027 62	1,250,690 50
" 17,445	$2,000,000	June 1, 1894	4 "	20	June 1, 1914			80,000 00	2,000,000 00
" 18,018	975,000	May 1, 1895	365 "	20	May 1, 1915			35,587 50	975,000 00
" 19,409 and 19,426.	593,000	June 1, 1898	350 "	20	June 1, 1918			20,755 00	593,000 00
" 19,516	675,000	Dec. 1, 1898	350 "	11	Dec. 1, 1909			23,625 00	675,000 00
								$ 626,409 28	$16,066,278 30

FOR ST. LOUIS GAS LIGHT COMPANY—JUDGMENT.

Ordinance No. 13,279	$ 950,000	June 1, 1885	4 per cent.	20	June 1, 1905			$ 38,000 00	$ 950,000 00

"ST. LOUIS WORLD'S FAIR BONDS."

Ordinance No. 20,641	$5,000,000	Apr. 1, 1902	325 per cent	20	Apr. 1, 1922	$180,000 $197,000	Mar 7, 1903 May 8, 1903	$ 150,247 50	$ 4,623,000 00

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Annual Report

of the

City Register

for the

Fiscal Year Ending

April 11th, 1904.

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Con. P. Curran Printing Co., St. Louis.

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ANNUAL REPORT

OF THE

CITY REGISTER

For the Fiscal Year Ending April 11, 1904.

City Register's Office, City Hall,
St. Louis, April 20, 1904.

Hon. Rolla Wells, Mayor:

SIR—In compliance with the Charter of the City of St. Louis, I have the honor to herewith submit the report of this department for the year ending April 11, 1904.

The following documents have been filed in this office for safe keeping, as required by Charter and Ordinances, viz.:

Ordinances passed by the Municipal Assembly, numbered 21,133 to 21,513, inclusive 381
Contracts by the Board of Public Improvements, numbered 6,452 to 6,781, inclusive 330
Contracts by the Commissioner of Supplies, numbered 2,447 to 2,596, inclusive 150
Miscellaneous contracts, numbered 293 to 317 25

Abstracts of the above have been furnished the Auditor.

BONDS.

Official	153	Drain Layers	45
Street Railways	3	Vault and privy cleaners	3
Steam Railways	12	Miscellaneous	42
Scales, erection of	3	Weighers	27
Plumbers	37	Under Ordinance 21,201	84
City, deposits for	22		

ACCEPTANCES.

Street Railways	3	Deeds	7
Steam Railways	7	Dental certificates	47
Leases	27	Miscellaneous papers	42
Agreements	1	Druggists' certificates	22
Miscellaneous	24	Appointment of clerks, Justice Courts	1
Certificates of authority, State Ins. Dept	18	Drinking fountains	46
Maps and profiles	2	Osteopathy certificates	11
Appointments of deputy constables	2		

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The following will show the cash received and turned over to the Treasurer as per receipts on file :

On account of osteopathy, dental, druggist and notarial certificates	$ 45 50
On account of certified copies of documents and revised ordinances	128 70
Total	$174 20

Amount of printing for the several departments, for which vouchers have been made and sent to the Auditor, including printing in the newspapers authorized to do City printing :

Auditor	$ 1,178 75	Quarantine	$ 59 50
Assessor	2,021 90	Sanitary Division	1,498 25
Prosecuting Att'y	94 00	House of Refuge	139 75
Ass't Prosecuting Attorney	138 80	House of Delegates	5,588 02
Boiler Inspector	548 30	Inspector W. and M.	174 25
Board of Public Imp	8,222 45	Jail	107 50
Harbor and Wharf Com	257 35	Jury Commissioner	395 10
Lighting Department	917 75	Law Department	1,768 38
Park Commissioner	798 79	Mayor	604 29
Plumbing Department	211 00	Marshal	239 00
Sewer Commissioner	598 75	City Chemist	190 30
Street Commissioner	2,191 65	Recorder of Deeds	1,579 85
Water Commissioner	2,086 80	Probationary	108 50
Work House	93 75	Register	14,572 53
Com. Public Buildings	337 75	License Collector	1,311 30
Com. Supplies	4,701 68	Treasurer	308 75
Comptroller	2,108 46	Water Rates	2,244 18
Coroner	225 25	Factory Insp	112 00
City Attorney	266 25	City Bacteriologist	117 50
Council	7,422 53	Circuit Attorney	202 00
Court Crim. Correction	810 70	Justice Peace, 1st Dist	219 00
1st District Police Court	243 15	" " 2d "	89 00
2d District Police Court	165 25	" " 3d "	10 25
So. St. Louis Police Court	49 50	" " 4th " No. 1	272 50
Fire Department	1,720 70	" " 4th " No. 2	217 00
Fire Alarm Telegraph	120 75	" " 5th " No. 1	79 00
Health Commissioner	1,748 50	" " 5th " No. 2	280 75
Dispensary	400 00	" " 6th "	75 50
City Hospital	677 25	" " 7th "	99 50
Female Hospital	225 50	" " 8th "	258 50
Insane Asylum	233 00	" " 9th "	196 15
Poor House	331 00	Total	$74,265 36

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Miscellaneous accounts for which vouchers have been made and delivered to Auditor:

Woodward & Tiernan Printing Co., stamps	$ 140 00
Lambert, Deacon & Hull, stamps	25 00
W. H. O'Brien P. & P. Co., stamps	10 00
Bell Telephone Co., use of Telephone	155 00
Kinloch Telephone Co., use of Telephone	80 00
Alfred Langenbach, design for license tags	30 00
H. A. Grimm, dies and plates	3,027 00
Mrs. M. Modra, two drawer locks	2 00
Gould Directory Co., 1 directory	6 00
H. A. Berkemeyer, affidavits	6 00
Lammert Furniture Co., chairs	8 00
Mulvihill Furniture Co., repairing chairs	6 00
Trorlicht, Duncker & Renard, 6 new shades and repairing	6 90
Underwood Typewriter Co., cabinet and typewriter	135 75
Herring-Hall-Marvin Safe Co., repairing safe	4 50
Woodward & Tiernan, gold seals	35
McGrath & Quinn, 1 carriage parade	20 00
Steve Quinn, 1 carriage parade	15 00
W. J. O'Connor, 2 banners	16 00
Frank B. Miller, writing commissions	30 00
Making Back Tax Books and Bills	3,000 00
St. Louis Star, city printing	256 52
St. Louis Post-Dispatch, city printing	212 80
St. Louis Chronicle, city printing	246 40
Westliche Post, city printing	120 00
Daily Record Co., city printing	145 20
Daily Hotel Reporter, city printing	50 00
German Literary Society, city printing	99 60
St. Louis Globe Democrat, city printing	198 00
St. Louis Demokrat, city printing	150 00
St. Louis Republic, city printing	199 92
Total	$8,407 44

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ABSTRACT OF LICENSES, BILLS, CERTIFICATES, TICKETS, ETC., DELIVERED TO JAMES Y. PLAYER, COMPTROLLER, BY CITY REGISTER DURING THE FISCAL YEAR COMMENCING APRIL 14, 1903, AND ENDING APRIL 11, 1904.

Month	Merch'ts' Licenses	Manufacturers' Licenses	Dramshop Licenses	Coal Tickets	Commiss'n Merh'ts' Licenses	Market Rent	Vehicle Licenses	Dog Licenses	Register's Fees	Miscellaneous Licenses	Rent Bills
April 14 to May 11	$ 112 90	$ 50 90	$ 1,551 45	$ 1,100 00	$ 75 00	$10,464 25	$11,456 25	$ 5,000 00	$ 1,900 00	$ 40,969 60	$ 328 00
May 12 to June 8	204 00	.....	25,229 65	450 00	125 00	25 00	5,399 00	....	50 00	8,074 00	500 00
June 9 to July 13	80,582 15	94,578 00	525,000 00	1,250 00	5,125 00	6,174 00	6,896 75	.....	1,050 00	4,683 25	.....
July 14 to Aug. 10	169,506 55	109,043 75	50,000 00	1,000 00	7,600 00	133 35	45 00	.....	4,000 00	1,754 50	286 77
Aug. 11 to Sept. 7	26,564 35	14,811 85	25,000 00	1,600 00	2,300 00	46 67	720 00	2,000 00	50 00	3,916 75	250 00
Sept. 8 to Oct 12	11,904 40	5,125 95	.....	2,300 00	1,225 00	330 00	742 00	.....	.....	5,119 50	83 27
Oct. 13 to Nov. 9	5,812 15	4,013 10	.....	2,750 00	1,225 00	10,681 45	432 00	.....	50 00	8,713 75	261 78
Nov. 10 to Dec. 7	1,535 70	150 05	25,000 00	2,000 00	213 00	119 40	577 25	.....	100 00	1,565 85	250 00
Dec. 8 to Jan. 11	1,315 40	206 20	500,000 00	1,900 00	175 00	6,295 50	19,525 00	3,000 00	1,000 50	4,195 50	500 00
Jan. 12 to Feb. 8	560 85	6 00	75,000 00	1,700 00	112 50	29 00	27,635 00	8,000 00	150 00	7,117 00	....
Feb. 9 to March 7	228 15	45 80	25,000 00	2,200 00	.....	197 00	1,727 00	3,000 90	50 00	5,094 50	250 00
March 8 to April 11	25 60	.....	25,000 00	1,150 00	31 65	74 00	16,400 00	5,000 00	50 00	34,750 55	250 00
Total for year ending April 11, 1904.	$298,352 20	$228,031 60	$1,276,781 10	$19,400 00	$18,207 15	$34,569 37	$91,545 25	$26,000 00	$ 8,450 00	$ 125,954 75	$2,635 10

Month	Street Openings	Boiler Inspector's Certificates	Inspector of Weights and Measures Certificates	Weigher's Tickets	Water Licenses	Building Permits	Board of Health Permits	Cost and Interest Street Openings	Bicycles	Factory Inspector	Total
April 14 to May 11	.....	$ 3,228 00	$ 1,085 00	.....	$ 102,500 00	.....	$ 100 00	$ 902 68	$ 1,000 00	$ 400 00	$ 181,899 06
May 12 to June 8	.....	1,560 00	595 00	$ 200 00	186,584 00	$ 655 00	200 00	89 79	.....	300 00	230,230 44
June 9 to July 13	$ 20 283 25	1,775 00	550 00	400 00	99,315 00	1,101 50	.....	105 15	1,000 00	300 00	850,169 05
July 14 to Aug. 10	1,305 00	900 00	1,160 00	206 00	75,550 00	1,614 50	200 00	30 25	.....	300 00	424,629 67
Aug. 11 to Sept. 7	.....	.....	1,330 00	221 00	131,300 00	.....	100 00	35 71	500 00	400 00	211,146 33
Sept. 8 to Oct. 12	.....	1,800 00	815 00	400 00	139,250 00	2,701 50	100 00	387 49	.....	500 00	172,784 11
Oct. 13 to Nov. 9	.....	900 00	1,025 00	.....	168,350 00	2,033 50	100 00	340 61	.....	100 00	206,788 34
Nov. 10 to Dec. 7	1,588 75	1,275 00	550 00	416 00	109,402 10	1,056 50	100 00	113 69	.....	100 00	146,113 29
Dec. 8 to Jan. 11	.....	1,600 00	715 00	200 00	143,150 00	1,728 00	100 00	220 36	500 60	300 00	686,623 96
Jan. 12 to Feb. 8	1,586 00	1,900 00	800 00	280 00	67,650 00	1,486 50	100 00	180 28	.....	100 00	194,343 13
Feb. 9 to March 7	.....	500 00	1,390 00	.....	114,880 00	1,524 00	100 00	394 88	500 00	200 00	157,231 33
March 8 to April 11	.....	1,975 00	870 00	205 00	162,300 00	2,643 50	200 00	77 86	500 00	100 00	251,608 16
Total for year ending April 11, 1904.	$ 24,763 00	$ 17,413 00	$ 10,885 00	$ 2,522 00	$1,500,181 10	$16,542 50	$1,400 00	$ 2,828 75	$ 4,000 00	$ 3,100 00	$3,713,561 87

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In 1883 reports were made by nearly all the railroad companies, but they were for the latter half of the year only. They are subjoined:

RAILROADS.	Trips.	Passengers.
Baden and St. Louis	7,820	86,450
Benton and Bellefontaine	93,673	1,090,466
Cass Avenue and Fair Grounds	83,596	1,193,594
Citizens	187,200	2,452,191
Forest Park and Laclede	No	report.
Fourth Street and Arsenal	No	report.
Jefferson Avenue	63,590	577,802
Lindell	252,900	2,794,007
Missouri	218,396	3,410,758
Mound City	73,148	820,513
Northern Central	No	report.
People's	91,690	1,531,389
St. Louis	86,593	3,095,508
St. Louis Cable and Western	No	report.
Southern	107,906	1,051,055½
Tower Grove and Lafayette	78,980	584,798
Union	106,412	1,163,028
Union Depot	131,162	1,900,194
Totals	1,573,065	21,751,757½

Since that time yearly returns have been made by the street car lines of the city, showing the annexed statistics:

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RETURNS OF STREET CAR LINES FOR THE YEARS 1884 TO 1892, INCLUSIVE.

	1884.		1885.		1886.		1887.		1888.		1889.	
	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.
Baden and St. Louis	15,492	130,202	12,306	117,383	10,254	148,183	15,894	163,686	15,095	150,496	16,220	171,593
Benton-Bellefontaine	147,632	2,011,928	182,558	1,981,868	182,271	2,114,668	212,548	2,134,869	191,272	2,249,751	219,567	2,223,580
Cass Avenue and Fair Grounds	130,660	2,533,066	175,262	2,549,661	183,072	2,526,470	190,520	2,794,512	194,420	2,936,656	214,854	3,090,009
Citizens Railway	391,631	4,800,134	424,832	4,783,776	398,988	3,860,346	338,266	3,513,108	442,426	5,070,118	364,216	7,023,739
Forest Park and Laclede	No report		94,456	807,610	169,426	1,457,740	150,081	1,798,700	172,256	1,483,619	175,362	1,103,866
Fourth Street and Arsenal	No report		No report		No report		No report		115,548	720,532	127,688	861,134
Jefferson Avenue	135,154	1,284,423	128,506	1,274,814	130,072	1,353,202	133,294	1,525,832	135,798	1,544,887	132,574	1,668,051
Lindell Railway	509,046	5,524,745	491,708	5,034,378	501,054	4,677,123	515,736	4,915,242	500,664	4,373,004	474,908	4,339,099
Missouri Railway	453,438	6,815,080	441,924	6,422,748	433,866	5,835,640	373,859	5,419,460	448,436	7,548,139	743,648	9,681,418
Mound City Railway	150,042	1,666,503	145,194	1,568,567	157,310	1,593,206	168,434	1,900,103	177,826	1,999,838	188,480	2,061,183
Northern Central Railway	No report		No report		147,332	1,721,001	232,886	2,574,824	228,020	2,345,525	193,146	2,074,481
Peoples Railway	180,884	3,067,680	174,382	2,884,735	187,668	3,176,089	197,850	3,354,848	186,284	3,230,868	170,288	2,785,258
St. Louis Railroad	179,961	5,859,574	173,026	5,467,689	181,228	5,810,066	190,586	6,470,405	191,225	6,499,594	210,188	7,030,325
*St. Louis Cable and Western	No report		No report		141,134	3,505,997	148,741	5,061,429	185,775	4,832,576	111,629	4,680,335
Southern Railway	203,040	1,978,362	174,447	1,980,894	175,458	2,239,971	177,377	2,542,366	179,521	2,637,663	177,953	2,732,295
Tower Grove and Lafayette	155,520	1,073,359	147,236	917,846	157,900	992,732	149,040	1,008,705	39,520	223,100	No report	
Union Railway	177,760	2,208,983	201,746	2,059,051	219,590	2,152,959	221,456	2,194,849	223,508	2,193,192	246,864	2,117,806
Union Depot Railway	252,184	3,751,838	318,716	3,698,151	312,850	3,991,705	363,624	4,682,004	354,728	5,006,371	339,989	5,333,997
Totals	3,082,444	42,805,877	3,286,299	41,559,171	3,689,363	47,154,088	3,780,192	52,054,442	3,983,112	55,045,929	4,107,554	58,918,169

	1890.		1891.		1892.	
	Trips.	Passengers.	Trips.	Passengers.	Trips.	Passengers.
Baden and St. Louis	18,542	183,122	16,980	214,987	23,586	193,144
Benton-Bellefontaine	212,122	2,361,281	214,538	1,765,186	168,390	3,072,992
Cass Avenue and Fair Grounds	212,194	3,444,893	218,568	3,303,856	401,970	5,151,592
Citizens Railway	359,160	8,538,786	373,596	8,864,232	405,498	9,372,125
Forest Park and Laclede	175,040	1,121,735	36,200	433,885	No report	
Fourth Street and Arsenal	133,590	1,105,798	97,442	433,723	8,555	22,532
Jefferson Avenue	133,120	1,707,803	181,470	1,838,047	184,588	1,967,551
Lindell Railway	435,390	5,549,729	546,386	10,944,585	632,020	12,411,794
Missouri Railway	804,592	11,192,831	1,006,614	13,117,212	466,190	14,708,156
Mound City Railway	190,044	2,631,234	283,454	4,143,942	331,388	4,484,729
Northern Central Railway	165,076	2,197,064	166,976	2,207,707	82,286	1,046,508
Peoples Railway	192,548	4,541,819	222,128	4,367,652	231,022	4,731,379
St. Louis Railroad	242,950	7,610,553	716,724	10,811,160	818,354	12,301,596
*St. Louis Cable and Western	105,048	4,343,139	102,160	4,027,888	124,103	7,037,665
Southern Railway	173,826	2,636,558	347,588	4,270,105	336,018	4,744,761
Tower Grove and Lafayette	franchise transferred to Peoples Railway					
Union Railway	254,148	2,200,976	204,556	1,810,270	101,732	820,497
Union Depot Railway	406,086	6,738,240	490,072	8,443,330	545,300	9,628,535
Totals	4,213,518	68,105,561	5,235,452	80,997,767	5,361,973	91,685,555

*Now St. Louis and Suburban.

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STREET CAR RAILWAY RETURNS FOR THE YEAR 1893.

	Trips.	Passengers.
Baden and St. Louis	21,460	465,554
*Bellefontaine	61,971	1,962,445
Cass Avenue and Fair Grounds	590,652	7,585,270
Citizens	740,426	8,746,551
Compton Heights, Union Depot and Mer. Ter	Included	in Lindell.
Forest Park, Laclede and Fourth Street	Included	in Missouri.
Fourth Street and Arsenal	Under recon	struction.
Jefferson Avenue	138,282	1,857,912
Lindell	1,124,656	14,270,478
Missouri	1,123,612	14,927,465
†Mound City	76,402	1,008,191
Northern Central ..... Included in Cass	Av. and Fair	Grounds.
Peoples	224,678	4,663,638
St. Louis	791,404	11,939,629
St. Louis and Suburban	127,998	8,030,182
Southern Electric	314,785	5,427,259
Taylor Avenue	Included	in Lindell.
Union ..... Included in Cass	Av. and Fair	Grounds.
Union Depot	657,472½	14,795,976
Vandeventer Avenue	Included	in Lindell.
Total	5,993,798½	95,680,550

* 1st and 2d quarters only, 3d and 4th quarters in Union Depot.

† 1st quarter only, 2d, 3d and 4th quarters in Union Depot.

STREET CAR RAILWAY RETURNS FOR THE YEAR 1894.

	Trips.	Passengers.
Baden and St. Louis	54,092	423,666
Bellefontaine	Included in	Union Depot
Cass Avenue and Fair Grounds	670,654	79,443,106
Citizens	543,436	7,160,890
Compton Heights, Union Depot and Mer. Ter	Included	in Lindell.
Forest Park, Laclede and Fourth Street	Included	in Missouri.
Fourth Street and Arsenal	Under recon	struction.
Jefferson Avenue	90,527	1,281,569
Lindell	1,283,138	17,425,971
Missouri	1,162,158	14,480,126
Mound City	Included in	Union Depot
Northern Central ..... Included in Cass	Av. and Fair	Grounds.
Peoples	200,662	3,890,898
St. Louis	700,070	10,398,511
St. Louis and Suburban	118,445	7,754,752
Southern Electric	309,779	4,398,009
Taylor Avenue	Included	in Lindell.
Union ..... Included in Cass	Av. and Fair	Grounds.
Union Depot	633,964	18,544,278
Vandeventer Avenue	Included	in Lindell.
Total	5,766,925	95,201,770

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STREET CAR RAILWAY RETURNS FOR THE YEAR 1895.

	Trips.	Passengers.
Baden and St. Louis	43,032	239,271
Bellefontaine	Included in	Union Depot
Cass Avenue and Fair Grounds	683,058	9,511,612
Citizens	299,228	7,370,798
Compton Heights, Union Depot and Mer. Ter	Included in	Lindell.
Forest Park, Laclede and Fourth Street	Included in	Missouri.
Fourth Street and Arsenal	Under recon	struction.
Grand Avenue	Included in	Union Depot
Jefferson Avenue	134,215	1,158,934
Lindell	1,281,024	20,237,599
Missouri	1,226,678	15,303,467
Mound City	Included in	Union Depot
Northern Central	Included in Cass	Av. and Fair Grounds.
Peoples	220,668	3,903,362
St. Louis	779,100	10,908,565
St. Louis and Suburban	105,806	7,803,746
Southern Electric	332,352	4,636,160
Southwestern	Included in	St. Louis.
Taylor Avenue	Included in	Lindell.
Union	Included in Cass	Av. and Fair Grounds.
Union Depot	688,148	21,924,258
Vandeventer Avenue	Included in	Lindell.
Total	5,793,309	102,997,772

STREET CAR RAILWAY RETURNS FOR THE YEAR 1896.

	Trips.	Passengers.
Baden and St. Louis	Included in	St. Louis.
Bellefontaine	Included in	Union Depot
Cass Avenue and Fair Grounds	684,770	9,546,996
Citizens	312,130	8,539,688
Compton Heights, Union Depot and Mer. Ter	Included in	Lindell.
Forest Park, Laclede and Fourth Street	Included in	Missouri.
Fourth Street and Arsenal	Under recon	struction.
Grand Avenue	Included in	Union Depot
Jefferson Avenue	146,240	1,865,510
Lindell	1,231,114	21,535,251
Manchester Road Electric Ry. Co	Included in	Suburban.
Missouri	981,777	15,359,741
Mound City	Included in	Union Depot
Northern Central	Included in Cass	Av. and Fair Grounds.
Peoples	218,664	3,882,936
St. Louis	945,348	12,325,451
St. Louis and Suburban	142,546	9,892,612
Southern Electric	330,184	5,460,543
Southwestern	Included in	St. Louis.
Taylor Avenue	Included in	Lindell.
Union	Included in Cass	Av. and Fair Grounds.
Union Depot	642,431	23,772,345
Vandeventer Avenue	Included in	Lindell.
Total	5,635,204	112,181,073

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STREET CAR RAILWAY RETURNS FOR THE YEAR 1897.

	Trips.	Passengers.
Baden and St. Louis	Included in	St. Louis.
Bellefontaine	Included in	Union Depot
Cass Avenue and Fair Grounds	673,042	9,138,690
Citizens	314,594	8,654,254
Compton Heights, Union Depot and Mer. Ter	Included in	Lindell.
Forest Park, Laclede and Fourth Street	Included in	Missouri.
Fourth Street and Arsenal	Under recon	struction.
Grand Avenue	Included in	Union Depot
Jefferson Avenue	146,598	1,754,178
Lindell	1,101,892	21,342,220
Manchester Road Electric Ry. Co	Included in	Suburban.
Missouri	1,047,339	15,004,332
Mound City	Included in	Union Depot
Northern Central	Included in Cass	Av. and Fair Grounds.
Peoples	217,895	3,533,725
St. Louis	904,022	11,583,220
St. Louis and Meramec River R. R	Included in	Suburban.
St. Louis and Suburban	164,314	11,205,233
Southern Electric	196,406	5,771,487
Southwestern	Included in	St. Louis.
Taylor Avenue	Included in	Lindell.
Union	Included in Cass	Av. and Fair Grounds.
Union Depot	669,594	24,159,406
Vandeventer Avenue	Included in	Lindell.
Total	5,435,696	112,146,745

STREET CAR RAILWAY RETURNS FOR THE YEAR 1898.

	Trips.	Passengers.
Baden and St. Louis	Included in	St. Louis.
Bellefontaine	Included in	Union Depot
Cass Avenue and Fair Grounds	630,788	9,520,227
Citizens	317,400	8,730,145
Compton Heights, Union Depot and Mer. Ter	Included in	Lindell.
Forest Park, Laclede and Fourth Street	Included in	Missouri.
Fourth Street and Arsenal	Under recon	struction.
Grand Avenue	Included in	Union Depot
Jefferson Avenue	146,631	1,761,199
Lindell	1,081,540	22,608,900
Manchester Road Electric Ry. Co	Included in	Suburban.
Missouri	1,028,928	15,183,023
Mound City	Included in	Union Depot
Northern Central	Included in Cass	Av. and Fair Grounds.
Peoples	217,987	3,499,060
St. Louis	918,326	11,837,717
St. Louis and Meramec River R. R	Included in	Suburban.
St. Louis and Suburban	168,924	11,738,548
Southern Electric	173,917	6,189,738
Southwestern	Included in	St. Louis.
Taylor Avenue	Included in	Lindell.
Union	Included in Cass	Av. and Fair Grounds.
Union Depot	739,996	25,656,286
Vandeventer Avenue	Included in	Lindell.
Total	5,424,437	116,724,843

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STREET CAR RAILWAY RETURNS FOR THE YEAR 1899.

	Trips.	Passengers.
Baden and St. Louis	Included in	St. Louis.
Bellefontaine	Included in	Union Depot
Cass Avenue and Fair Grounds (1st, 2d and 3d quarters)	435,378	7,463,160
Cass Avenue and Fair Grounds (4th quarter)	Inc. in St. L.	Transit Co.
Citizens (1st, 2d and 3d quarters)	237,054	6,722,072
Citizens (4th quarter)	Inc. in St. L.	Transit Co.
Compton Heights, Union Depot and Mer. Ter	Included in	Lindell.
Forest Park, Laclede and Fourth Street	Included in	Missouri.
Fourth Street and Arsenal	Under recon	struction.
Grand Avenue	Included in	Union Depot
Jefferson Avenue (1st, 2d and 3d quarters)	92,144	1,456,877
Jefferson Avenue (4th quarter)	Inc. in St. L.	Transit Co.
Lindell (1st, 2d and 3d quarters)	836,476	18,093,781
Lindell (4th quarter)	Inc. in St. L.	Transit Co.
Missouri (1st, 2d and 3d quarters)	524,743	11,626,869
Missouri (4th quarter)	Inc. in St. L.	Transit Co.
Mound City	Included in	Union Depot
Northern Central	Included in Cass	Av. and Fair Grounds.
Peoples (1st and part of 2d quarter; for balance of 2d, 3d and 4th quarters see St. L. Traction Co.)	59,362	892,798
St. Louis	965,340	12,709,551
St. Louis and Meramec River R. R	Included in	Suburban.
St. Louis and Suburban	181,354	12,521,012
St. Louis Traction Co. (part of 2d, 3d and 4th quarters)	137,751	2,420,124
St. Louis Transit Co. (4th quarter only)	1,317,132	25,179,443
Southern Electric (1st, 2d and 3d quarters)	153,125	4,849,925
Southern Electric (4th quarter)	Inc. in St. L.	Transit Co.
Southwestern	Included in	St. Louis.
Taylor Avenue	Included in	Lindell.
Union	Included in Cass	Av. and Fair Grounds.
Union Depot (1st, 2d and 3d quarters)	580,788	20,148,006
Union Depot (4th quarter)	Inc. in St. L.	Transit Co.
Vandeventer Avenue	Included in	Lindell.
Total	5,520,647	124,083,618

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STREET CAR RAILWAY RETURNS FOR THE YEAR 1900.

	Trips.	Passengers.
Baden and St. Louis	Inc. in St.	Louis R. R.
Bellefontaine	Inc. in St. L.	Transit Co.
Cass Avenue and Fair Grounds Railway	Inc. in St. L.	Transit Co.
Citizens	Inc. in St. L.	Transit Co.
Compton Heights, Union Depot and Mer. Ter	Inc. in St. L.	Transit Co.
Forest Park, Laclede and Fourth Street	Inc. in St. L.	Transit Co.
Fourth Street and Arsenal	Inc. in St. L.	Transit Co.
Grand Avenue	Inc. in St. L.	Transit Co.
Jefferson Avenue	Inc. in St. L.	Transit Co.
Lindell	Inc. in St. L.	Transit Co.
Missouri	Inc. in St. L.	Transit Co.
Mound City	Inc. in St. L.	Transit Co.
Northern Central	Inc. in St. L.	Transit Co.
St. Louis	236,884	8,463,207
St. Louis and Meramec River R. R	Included in	Suburban.
St. Louis and Suburban	267,990½	16,812,998
St. Louis Traction Co	78,580	2,716,095
St. Louis Transit Co	2,713,962	78,961,111
Southern Electric	Inc. in St. L.	Transit Co.
Southwestern	Inc. in St.	Louis R. R.
Taylor Avenue	Inc. in St. L.	Transit Co.
Union	Inc. in St. L.	Transit Co.
Union Depot	Inc. in St. L.	Transit Co.
Vandeventer Avenue	Inc. in St. L.	Transit Co.
Total	3,297,416½	106,953,411

STREET CAR RAILWAY RETURNS FOR THE YEAR 1901.

	Trips.	Passengers.
Baden and St. Louis	Inc. in St. Louis R. R.	and Transit Co.
Bellefontaine	Inc. in St. L.	Transit Co.
Cass Avenue and Fair Grounds Railway	Inc. in St. L.	Transit Co.
Citizens	Inc. in St. L.	Transit Co.
Compton Heights, Union Depot and Mer. Ter	Inc. in St. L.	Transit Co.
Forest Park, Laclede and Fourth Street	Inc. in St. L.	Transit Co.
Fourth Street and Arsenal	Inc. in St. L.	Transit Co.
Grand Avenue	Inc. in St. L.	Transit Co.
Jefferson Avenue	Inc. in St. L.	Transit Co.
Lindell	Inc. in St. L.	Transit Co.
Manchester Road Electric	Included in	Suburban.
Missouri	Inc. in St. L.	Transit Co.
Mound City	Inc. in St. L.	Transit Co.
Northern Central	Inc. in St. L.	Transit Co.
Peoples, St. Louis Traction Co.	58,942	740,529
St. Louis and Meramec River R. R	Included in	Suburban.
St. Louis and Suburban	289,672½	15,396,440
Southern Electric	Inc. in St. L.	Transit Co.
Southwestern	Inc. in St. Louis R. R.	and Transit Co.
Taylor Avenue	Inc. in St. L.	Transit Co.
Union	Inc. in St. L.	Transit Co.
Union Depot	Inc. in St. L.	Transit Co.
Vandeventer Avenue	Inc. in St. L.	Transit Co.
St. Louis Railroad	137,306	3,344,976
St. Louis Transit Co	4,685,046	113,461,306
Total	5,170,966½	132,943,251

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STREET CAR RAILWAY RETURNS FOR THE YEAR 1902.

	Trips.	Passengers.
St. Louis and Suburban Ry	247,122½	14,836,645
St. Louis Transit Co	5,076,322	130,830,722
Total	5,323,444½	145,667,367

STREET CAR RAILWAY RETURNS FOR THE YEAR 1903.

	Trips.	Passengers.
St. Louis and Suburban Ry	272,158	16,725,137
St. Louis Transit Co	5,323,596	147,141,429
Total	5,595,754	163,866,566

RETURNS OF STREET CAR RAILWAYS, ENDING MARCH 31, 1904.

	Trips.	Passengers.
St. Louis and Suburban Ry	51,454	3,761,315
St. Louis Transit Co	1,223,074	35,731,471
Total	1,274,528	39,492,786

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TRACK MILEAGE OF STREET RAILROADS APRIL 1, 1904.

Name of Road.	Miles of Single Track.				
	Tracks in operation April 1, 1904.			Authorized by Ordinance.	
	Used.	Suspended	Total.	Built.	Not Built.
ST. LOUIS TRANSIT CO.					
Lindell Railway Co. System.					
Lindell Ry. Co	40.29		40.29	2.88	
Comp. Hts., U. D. and M. T. R. R. Co.	12.38		12.38		0.58
Taylor Ave. R. R. Co	9.82		9.82		
Vandeventer Ave. R. R. Co	4.08		4.08		
Clayton and Forest Park Ry. Co. (in City)	1.25		1.25		
Delmar Ave. and Clayton Ry. Co. (in City)	1.89		1.89		
Missouri R. R. Co	18.28	1.08	19.36		2.68
Forest Park, L. and Fourth St. Ry. Co.	6.33		6.33		
Total	94.32	1.08	95.40	2.88	3.26
Union Depot R. R. Co. System.					
Union Depot R. R. Co	42.17	0.93	43.10		
Mound City Street Ry. Co	7.16		7.16		
Benton-Bellefontaine Ry. Co	12.87	0.92	13.79		
Grand Ave. Ry. Co	8.00		8.00		1.40
Kingshighway R. R. Co	4.64		4.64		
Total	74.84	1.85	76.69		1.40
National Railway System.					
Cass Ave. and Fair Grounds Ry. Co	13.16	0.26	13.42		0.89
Northern Central R. R. Co	10.28	0.13	10.41		3.00
Union Ry. Co	11.01		11.01		10.50
Citizens Ry. Co	18.14		18.14		
St. Louis R. R. Co	19.94		19.94		
Baden and St. Louis R. R. Co	6.65		6.65		
Southwestern Ry. Co	2.05		2.05		
Total	81.23	0.39	81.62		14.39
Southern Electric Ry. Co	16.51	1.21	17.72		
Jefferson Ave. R. R. Co	6.07	0.34	6.41		
St. Louis Traction Co. (Peoples Ry. Co.)	9.57		9.57		
Central Traction Co	6.59		6.59	5.98	
Total	38.74	1.55	40.29	5.98	
St. Louis Transit Co. Total	289.13	4.87	294.00	8.86	19.05
Fourth Street and Arsenal Ry. Co		3.75	3.75		
Total		3.75	3.75		
St. Louis and Sub. Ry. Co. System.					
St. Louis and Suburban Ry. Co	24.75		24.75		
St. Louis and Meramec River R. R. Co	14.41		14.41		
Florissant Ave. Electric Ry. Co	0.76		0.76		
Total	39.92		39.92		

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RECAPITULATION.

St. Louis Transit Co	289.13	4.87	294.00	8.86	19.05
Fourth St. and Arsenal Railway Co.		3.75	3.75		
St. Louis and Suburban Ry. Co. System	39.92		39.92		
Grand Total	329.05	8.62	337.67	8.86	19.05

The Central Traction Co., incorporated March 11, 1898.
Name changed to "United Railways Co. of St. Louis," July 8, 1899.
The St. Louis Transit Co., incorporated March 6, 1899, Lessee.
Lease began October 1, 1899. Lease expires April 1, 1939.

The limit of time for building new street railway tracks under existing ordinances having expired, only such are mentioned herein as are built, or authorized to be built, where no time limit is given.

St. Louis, Mo., April 1, 1904.

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LIST OF DENTISTS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH THE ACT OF THE LEGISLATURE, APPROVED FEBRUARY 20, 1883

No. of Cert.		Date of Registration.
218	Allen, Thomas N	Feb. 3, 1897
209	Angle, E. H	Dec. 28, 1896
226	Atkinson, Cliff R	Feb. 5, 1897
203	Austin, James Franklin	Aug. 13, 1896
125	Anderson, George H	Nov. 12, 1892
290	Applegate, George W	June 21, 1897
278	Austin, John W	June 9, 1897
266	Baker, W. G	May 19, 1897
292	Bartel, Ferdinand	June 22, 1897
248	Bartel, Louis W	April 30, 1897
277	Bellows, Frank A	June 5, 1897
275	Brown, Annie L	June 4, 1897
251	Brown, Walter E	May 1, 1897
30	Bass, I. A	May 22, 1883
38	Brackett, Sam'l J	June 6, 1883
51	Brecht, J. E	June 28, 1883
182	Bredgmar, Geo. D	Sept. 10, 1895
65	Bowman, G. P	Feb. 23, 1884
74	Ball, S. E	Mar. 28, 1884
75	Bronson, Geo. A	Mar. 28, 1884
87	Bushong, A. J	May 8, 1885
95	Bremermann, Chas. M	Dec. 17, 1887
99	Beal, Geo. E	Nov. 17, 1888
116	Bedell, A. W	May 7, 1892
140	Beaukner, Fred	Mar. 31, 1894
144	Becker, Emil F	July 24, 1894
145	Bartlett, Walter M	July 25, 1894
148	Bender, Ernest P	Oct. 11, 1894
149	Bond, Frank H	Oct. 11, 1894
151	Baird, Henry M	Oct. 20, 1894
165	Brawner, Chas. J	Dec. 15, 1894
178	Baker, Jas. M	April 1, 1895
208	Barth, J. M	Dec. 26, 1896
206	Bellis, Edward R	Oct. 24, 1896
196	Bragg, Edgar Herbert	May 2, 1896
225	Byfield, James H	Feb. 5, 1897
219	Carpenter, Charles V	Feb. 4, 1897
204	Curtis, Thomas Alston	Aug. 20, 1896
15	Chase, H. S	May 14, 1883
21	Cassell, Julius, Sr	May 16, 1883
34	Canine, R. H	May 28, 1883
39	Chase, E. C	June 9, 1883
40	Campbell, Will O	June 14, 1883
43	Campbell, Jno	June 14, 1883
44	Conrad, W. N	June 20, 1883
77	Chase, J. H	Mar. 29, 1884
83	Clark, A. J	April 26, 1884
88	Casilly, Jno. P	May 26, 1885
97	Collins, Henry A	Mar. 26, 1888
106	Chase, Mrs. Emma E	June 13, 1889
114	Cotton, Wilson H	Mar. 17, 1891
118	Coyle, Jas. S	June 15, 1892
131	Cassell, Herman F	May 1, 1893
134	Chisholm, E. S	Jan. 15, 1894
136	Clark, Jas. B	Feb. 26, 1894
142	Conselman, Oscar	June 1, 1894
143	Cox, Wm. G	June 4, 1894
147	Chase, Fred'k B	Aug. 18, 1894
157	Cowdery, Clarence C	Nov. 1, 1894
164	Cleveland, Chas. E	Dec. 12, 1894
167	Chisholm, Jas. C	Jan. 24, 1895
170	Cord, W. J	Mar. 2, 1895
241	Church, Howard E	April 13, 1897
276	Clark, J. B	June 5, 1897
245	Clark, Thomas W	April 16, 1897
243	Cunningham, Peter T	April 15, 1897
250	Drown, John H., M. D	May 1, 1897
281	Dunning, Chas. H	June 19, 1897
84	De Voe, T. J. B	May 15, 1884
152	Dunning, Chas. H	Oct. 23, 1894
173	Diekweite, F. E	Mar. 2, 1895
176	Dill, E. H	Mar. 6, 1895
220	Davisson, Will D	Feb. 5, 1897
234	Dunham, Charles Scott	Mar. 13, 1897

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LIST OF DENTISTS—*Continued.*

No. of Cert.		Date of Registration.
25	Eiseman, A. H	May 18, 1883
29	Ehmann, Edw	May 19, 1883
57	Eames, Wm. H	June 30, 1883
96	Eisloeffel, Peter H	Mar. 8, 1888
12	Fisher, Jos. A	May 9, 1883
16	Flickinger, Adam	May 15, 1883
183	Fulkerson, Frederick M	Oct. 7, 1895
17	Fuller, A. H	May 15, 1895
41	Ferguson, John G	June 14, 1895
45	Fisher, Henry	June 20, 1895
67	Foster, J. Levic	Mar. 14, 1884
94	Flannigan, Edw	Sept. 22, 1887
108	Field, Henry D	Mar. 21, 1890
119	Fields, D. W	June 20, 1892
129	Fletcher, Frank F	Nov. 14, 1892
238	Fries, John Adam	April 7, 1897
211	Fuller, Alfred Darst	Jan. 4, 1897
289	Fendler, Max	June 21, 1897
265	Flickinger, Adam J	May 18, 1897
249	Fruth, Otto J	May 1, 1897
274	Gebhart, Charles	June 4, 1897
261	Goslee, J. I	May 14, 1897
197	Griffin, Emery B	May 9, 1896
223	Grissom, Milton A	Feb. 5, 1897
193	Gibson, Geo. Henry	April 8, 1896
13	Grimes, F. T	May 11, 1883
71	Green, Chas. R	Mar. 27, 1884
79	Grau, John F	Mar. 31, 1884
86	Geho, Wm. L. B	May 4, 1885
160	Grorhieder, Jesse E	Nov. 12, 1894
181	Head, Thomas Douglas	April 18, 1895
180	Henderson, James Alexander	April 18, 1895
191	Hill, Harry M	Mar. 4, 1896
236	Harper, James Patterson	Mar. 27, 1896
232	Herbst, Robert	Mar. 1, 1896
2	Holcomb, W. H	April 21, 1883
18	Houston, Chas. F	May 15, 1883
19	Holmes, Geo. P	May 15, 1883
37	Howard, Jasper	June 6, 1883
46	Harper, John G	June 20, 1883
47	Haskell, Jas. N	June 23, 1883
62	Hermann, Wm. F	July 17, 1883
70	Hart, Nicholous C	Mar. 27, 1884
73	Hubert, S. H	Mar. 28, 1884
103	Harrington, Thos. N	Mar. 16, 1889
110	Hulze, Edw. A	Mar. 26, 1890
113	Hellmuth, Philip F	Nov. 28, 1890
117	Hurd, Everett M	June 2, 1892
137	Haines, Jno. C	Mar. 14, 1894
155	Hickman, Chas. L	Oct. 27, 1894
168	Haxmann, Fritz W	Feb. 15, 1895
174	Holschbach, Jno. P	Mar. 2, 1895
287	Hoffmeister, W. D	June 21, 1897
285	Hogan, John G	June 21, 1897
268	Hyndman, Hunter S	May 22, 1897
82	Isbell, John B	April 18, 1884
102	Israel, Morris	Mar. 15, 1889
4	Johnson, E. V	April 26, 1883
5	Jacob, L	April 28, 1883
10	Jocelyn, D. I	May 9, 1883
14	Jocelyn, C. W	May 14, 1883
56	Jack, D	June 30, 1883
72	Jons, W. A	Mar. 27, 1884
272	Jacoby, S	June 1, 1897
254	Kimbrough, Joseph B	May 3, 1897
222	Kennedy, T. G	Feb. 5, 1897
227	Kiess, Louis	Feb. 5, 1897
35	Keck, C. E	June 4, 1883
61	Kavanaugh, Michael	July 9, 1883
68	Keith, H. H	Mar. 25, 1884
101	King, Geo. O	Mar. 11, 1889
154	Kennerly, Jno. H	Oct. 26, 1894
172	Kiess, H. W	Mar. 2, 1895
89	Leightnoll, J. I	Oct. 6, 1885
98	Lange, Wm. G	May 12, 1888

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LIST OF DENTISTS—*Continued.*

No. of Cert.		Date of Registration.
190	Langley, James W	Mar. 3, 1896
185	Lawrenz, William Frederick	Nov. 1, 1895
189	Le Crown, Daniel O. M	Feb. 19, 1896
100	Lindsay, Joseph W	Jan. 24, 1889
150	Llerwan, Wm. J	Oct. 17, 1894
159	Lockridge, Robt. L	Nov. 7, 1894
166	Lindsley, DeCoursy B	Dec. 22, 1894
237	Lark, William James	Mar. 29, 1897
239	Lewis, Amos F	April 12, 1897
212	Lukens, Clarence D	Jan. 6, 1897
286	Lehmberg, Hugo A	June 21, 1897
269	Lehmberg, Lorenz E	May 25, 1897
271	Lenze, Paul W	June 1, 1897
282	Levin, Paul	June 19, 1897
264	McMaster, John A	May 15, 1897
207	Marle, John A	Nov. 21, 1896
200	Merrick, W. C	May 23, 1896
229	Moore, M. R	Feb. 6, 1897
290	Moser, A. T. E. A	Feb. 10, 1897
187	Mace, R. H	Dec. 5, 1895
194	Marsh, John Wetmore	April 13, 1896
26	Marshall, Jas. M	May 18, 1883
53	Murray, Alexander	June 29, 1883
55	Muth, W. E	June 30, 1883
58	Morrison, Wm. N	July 2, 1883
59	Mayer, C	July 5, 1883
69	Milham, Oliver	Mar. 27, 1884
91	Miller, Herbert C	May 3, 1886
104	Mayer, Hunford	April 16, 1889
109	Mame, Geo. E	Mar. 25, 1890
124	Morrison, P. Holme	Oct. 26, 1892
128	Mallinckrodt, Otto	Jan. 3, 1893
130	Milster, Arthur N	Mar. 31, 1893
146	Marshall, Milton C	July 30, 1894
158	Manhard, Ormond H	Nov 1, 1894
7	McNamara, Jos. T	May 3, 1883
27	McNamara, Chas. F	May 18, 1883
28	McNamara, Jno. C	May 18, 1883
66	McKellops, H. J. B	Mar. 11, 1884
92	McKellop, Henry L	Oct. 13, 1886
42	Newby, J. B	June 14, 1883
64	Newington, Henry	Aug. 8, 1883
175	Neville, W. H	Mar. 4, 1895
224	Nelson, John R	Feb. 5, 1897
205	Nelson, Niel P	Sept. 25, 1896
216	Owen, George Hartt	Jan. 28, 1897
161	Olive, Alexander S	Nov 12, 1894
24	Prosser, A. J	May 17, 1883
36	Park, Edgar	June 6, 1883
48	Pomies, Leland F	June 25, 1883
78	Pence, N. W	Mar. 29, 1884
112	Pepperling, Theo. L	Aug. 28, 1890
121	Pruett, Walter L	July 15, 1892
126	Pfaff, Jos. G	Nov. 14, 1892
127	Parks, Wm. F	Nov. 14, 1892
133	Purdy, Arthur G	Oct. 16, 1893
135	Parsons, Frank R	Feb. 13, 1894
199	Page, J. C	May 21, 1896
240	Parsons, G. H	April 12, 1897
231	Pound, Frederick Franklin	Feb. 20, 1897
202	Prinz, Herman	Aug. 12, 1896
195	Rice, Mortimer J	April 17, 1896
235	Roy, J. Dalmas	Mar. 13, 1897
221	Ruff, Charles B	Feb. 5, 1897
9	Robitoy, Geo	May 7, 1883
20	Rickard, D. H	May 16, 1883
32	Ronreich, Jno. Ph	May 24, 1883
80	Robitoy, Eugene G	Mar. 31, 1884
93	Radomsky, J	June 8, 1887
123	Ruddy, W. A	Aug. 17, 1892
186	Ruge, Julius Peter, M. D	Nov. 8, 1895
138	Robb, Malcolm	Mar. 24, 1894
169	Rosen, Frans. T	Feb. 15, 1895
273	Radomsky, Louis	June 4, 1897
252	Rawson, Leslie E	May 1, 1897

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LIST OF DENTISTS—*Continued*.

No. of Cert.		Date of Registration.
279	Reese, D. F	June 10, 1897
247	Rodemich, Henry	April 26, 1897
280	Rolens, Howard S	June 14, 1897
293	Ruff, L. P	June 22, 1897
262	Sanders, Robert T	May 14, 1897
242	Shekelton, Thomas H	April 14, 1897
284	Smith, Hulbert S	June 19, 1897
288	Smith, Montana T	June 21, 1897
257	Sommers, Chas. E. W	May 5, 1897
246	Stanza, Nathanial B	April 23, 1897
192	Schulz, William Frederick August	April 1, 1896
1	Spaulding, C. W	April 21, 1883
3	Spaulding, J. H	April 21, 1883
8	Sanders, R. T	May 7, 1883
22	Scott, Wm. H	May 17, 1883
23	Stevens, De Mott	May 17, 1883
49	Standinger, Berthold	May 26, 1883
76	Shelp, Willard	Mar. 29, 1884
81	Shelp, E	April 1, 1884
85	Scott, J. S	May 4, 1885
90	Summa, Carl	Mar. 8, 1886
105	Sprague, Andrew L	April 16, 1889
107	Summa, Richard	Mar. 20, 1890
111	Shober, August	April 9, 1890
115	Schumacher, Carl E	Sept. 28, 1891
120	Saxenmeyer, Herman	July 2, 1892
228	Shelp, V. L	Feb. 5, 1897
213	Sullivan, Patrick J	Jan. 13, 1897
214	Tarr, Charles J	Jan. 13, 1897
233	Terry, Geo. L	Mar. 9, 1897
201	Tristoe, T. P	Aug. 8, 1896
198	Tuttle, William Morris	May 14, 1896
11	Taylor, F. J	May 9, 1883
60	Tolhurst, Geo. W	July 5, 1883
139	Tiffin, Jno	Mar. 27, 1894
177	Trager, Victor	Mar. 19, 1896
270	Tarr, George W	May 27, 1897
267	Thweatt, Arthur C	May 22, 1897
256	Thweatt, G. Everett	May 4, 1897
244	Turner, Thos. E	April 16, 1897
6	Ullman, Edwin S	May 3, 1883
33	Utt, Geo. G	May 28, 1897
217	Voyles, Stephen Huff	Jan. 28, 1883
283	Van der Sluis, J. B	June 19, 1897
260	Vogt, Rudolph A	May 14, 1897
253	Wickersham, Wm. R	May 3, 1897
255	Widmann, Rudolph	May 4, 1897
291	Williams, James I	June 22, 1897
258	Wieser, Florian J	May 8, 1897
263	Williams, Samuel	May 15, 1897
210	Waldschmidt, August Joseph	Jan. 4, 1897
215	Woodward, Wilbur S	Jan. 23, 1897
31	Wear, Robt. A	May 23, 1883
50	Wickersham, W. R	June 27, 1883
52	Wickersham, W. H	June 28, 1883
54	Wick, Jas. W	June 30, 1883
63	Whipple, Jas. W	July 30, 1883
132	Weller, Wm. E	May 2, 1893
141	Wild, Frank	May 1, 1894
153	Windhorst, M. R	Oct. 25, 1894
156	Whipple, Will L	Oct. 30, 1894
163	Wright, Wm. H	Nov. 22, 1894
171	Wickersham, E. P	Mar. 2, 1895
179	Wiener, Isaac	April 8, 1895
184	Woester, Selim Edwards	Oct. 7, 1895
188	Young, Richard Banks	Feb. 4, 1896
122	Young, L. Albin	July 29, 1892
259	Yeargain, George W	May 12, 1897

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LIST OF DENTISTS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH THE ACT OF THE LEGISLATURE, APPROVED MARCH 19, 1897.

No. of Cert.		Date of Registration.
114	Angel, Edw. H	June 30, 1898
129	Abington, William B	Oct. 19, 1898
130	Applegate, George W	Oct. 19, 1898
181	Aitkens, Wm. K	Feb. 1, 1899
188	Anderson, George H	May 1, 1899
194	Arthur, Willis B	June 16, 1899
208	Aitken, Thomas K	Oct. 6, 1899
312	Atkinson, Melvin G	Aug. 5, 1902
318	Armstrong, James R	Aug. 22, 1902
290	Bauer, Fred. W	May 9, 1902
319	Branstetter, T. I	Sept. 29, 1902
333	Barton, Wm. T	Dec. 3, 1902
340	Butts, Robt. O	Jan. 21, 1903
341	Balthrope, Wm. W	Jan. 22, 1903
190	Bleyer, Adolph	May 22, 1899
213	Bryan, Wm. Henry	Dec. 15, 1899
103	Bellows, Frank A	May 27, 1898
111	Bassett, Sam'l Taylor	June 20, 1898
125	Bumiller, Oscar Lewis	Oct. 19, 1898
128	Baird, Henry M	Oct. 19, 1898
132	Barry, Burt	Oct. 19, 1898
153	Brown, Walter E	Oct. 21, 1898
160	Brandenberger, Herman	Nov. 4, 1898
162	Bedell, Charles Thompson	Nov. 5, 1898
163	Bedell, J. E	Nov. 11, 1898
173	Barker, Wm. S	Jan. 5, 1899
174	Bear, Edward W	Jan. 5, 1899
182	Baldwin, Arthur E	Feb. 18, 1899
91	Bartel, Ferdinand	Feb. 19, 1898
84	Bartel, Louis W	Jan. 27, 1898
83	Bartlett, Clive H	Jan. 20, 1898
7	Bartlett, Walter M	Oct. 18, 1897
45	Bass, I. A	Nov. 24, 1897
221	Bauer, Alfred G	May 8, 1900
32	Beal, George E	Nov. 5, 1897
5	Becker, Emil F	Oct. 15, 1897
98	Bedell, Orion W	Mar. 9, 1898
24	Bellis, Edward R	Oct. 27, 1897
95	Bond, Frank H	Feb. 28, 1898
73	Bowman, G. A	Jan. 5, 1898
10	Bronson, George A	Oct. 19, 1897
68	Brown, Albert H	Dec. 23, 1897
281	Beachley, William E	Feb. 13, 1902
255	Behrens, Chas. F	June 20, 1901
273	Crane, Leroy V. M	Nov. 27, 1901
76	Campbell, Jesse M	Jan. 11, 1898
93	Campbell, John	Feb. 25, 1898
90	Canine, R. H	Feb. 18, 1898
85	Case, J. H	Feb. 1, 1898
224	Cates, Franklin O	May 19, 1900
12	Chase, Edward C	Oct. 21, 1897
11	Chase, Frederick B	Oct. 21, 1897
222	Coleman, Ralph C	May 15, 1900
88	Conrad, W. N	Feb. 10, 1898
227	Conroy, John K	July 6, 1900
22	Conzelman, Oscar	Oct. 25, 1898
19	Cord, Wm. J	Oct. 23, 1897
17	Cox, Wm. G	Oct. 23, 1897
97	Cowdry, Clarence	Mar. 9, 1897
30	Coyle, James S	Oct. 30, 1897
239	Crowley, Thomas N	Dec. 27, 1900
59	Crysler, Mary C	Dec. 10, 1897
106	Chisholm, James C	June 3, 1898
116	Crews, Charles Carroll	Aug. 5, 1898
126	Cassell, Julius, Jr	Oct. 19, 1898
131	Cassell, Herman F	Oct. 19, 1898
152	Cleveland, Chas. E	Oct. 21, 1898
164	Chase, Emma E	Nov. 15, 1898
167	Curtis, Thos. H	Nov. 28, 1898
176	Cotton, Wilson Hunt	Jan. 10, 1899
216	Calvert, Ansel P	April 9, 1900
186	Coates, Lorrin N	April 17, 1899
199	Collins, G. H	July 24, 1899
193	Crall, Leander O	June 8, 1899

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LIST OF DENTISTS—*Continued*.

No. of Cert.		Date of Registration.
298	Chapmann, John R	May 29, 1902
314	Cherry, William W	Sept. 9, 1902
323	Dodge, Charles H	Oct. 8, 1902
104	Dameron, Ernest P	May 31, 1898
105	Dill, E. A	May 31, 1898
133	D'Oench, Harry F	Oct. 19, 1898
64	Diekneite, F. E	Dec. 17, 1897
13	Dunham, Chas. S	Oct. 21, 1897
232	Dunn, Freeland J	May 19, 1900
179	Dunning, Chas. H	Jan. 20, 1899
243	Dusseau, Francis X	May 15, 1900
262	Deems, J. Harry	Aug. 9, 1901
244	Diehl, Arnold E	May 6, 1901
247	Donnell, Thomas G	May 7, 1901
14	Eisloeffel, Peter H	Oct. 22, 1897
204	Ellwanger, Gustavus	Sept. 8, 1899
260	Eckardt, Walter Y	Aug. 2, 1901
280	Edwards, William T	Jan. 29, 1902
292	Eyler, C. C	May 16, 1902
306	English, C. M	July 8, 1902
301	Frederick, Valentine H	June 11, 1902
271	Fitzgerald, Calvin E	Oct. 28, 1901
236	Fenton, W. F	Sept. 18, 1897
198	Ferguson, Stonewall	July 15, 1899
29	Ferguson, J. G	Oct. 28, 1897
65	Feudler, Max	Dec. 17, 1897
20	Fisher, Joseph A	Oct. 25, 1897
18	Fletcher, Frank F	Oct. 23, 1897
1	Flickinger, A	Oct. 12, 1897
89	Fries, John A	Feb. 12, 1898
72	Fruth, Otto J	Jan. 4, 1898
26	Fuller, Alfred D	Oct. 27, 1897
27	Fuller, A. H	Oct. 27, 1897
107	Frank, George Hy	June 3, 1898
268	Gardener, William W	Oct. 5, 1901
254	Grosby, Charles P	June 11, 1901
139	Grosheider, Jesse E	Oct. 20, 1898
150	Garcia, Chas	Oct. 21, 1898
31	Gibson, George H	Oct. 30, 1897
79	Griffin, Emery B	Jan. 18, 1898
214	Gilkey, Charles Hughes	Jan. 15, 1900
205	Goodlon James K	Sept. 11, 1899
211	Greengard, Morris D	Nov. 22, 1899
295	Graham, Roy F	May 21, 1902
296	Granther, Hayes	May 22, 1902
299	Graffman, F. W	June 2, 1902
305	Gabel, Theo	June 26, 1902
311	Gardner, Katherine B	Aug. 4, 1902
297	Hickey, Mathew J	May 29, 1902
308	Hart, Edward R	July 15, 1902
317	Hayes, Ralph E	Sept. 17, 1902
237	Hamilton, Charles E	July 25, 1900
223	Hartman, John M	May 8, 1900
220	Haverstick, Edward E	May 15, 1900
242	Heizsig, Albert W	Oct. 28, 1900
77	Hellmuth, Phillip F	Jan. 15, 1898
74	Hickman, Chas. L	Jan. 6, 1898
94	Hill, Harry M	Feb. 28, 1898
52	Hill, James	Dec. 1, 1897
67	Hogan, J. Garrison	Dec. 21, 1897
34	Holke, John H	Nov. 8, 1897
99	Holmes, George P	April 2, 1898
112	Halschbach, J. P	June 22, 1898
122	Harper, James P	Oct. 13, 1898
123	Harper, John G	Oct. 13, 1898
127	Holton, Jay R	Oct. 19, 1898
169	Hoffman, Charles Andrew	Nov. 29, 1898
267	Hawley, Wilder H	Oct. 5, 1901
285	Hopkins, Ed. A	March 7, 1902
54	Jacobs, L	Dec. 6, 1897
269	Jacobs, Otta E	Oct. 8, 1901
86	Jacoby, S	Feb. 7, 1898
286	Johnson, Louis L	March 24, 1902
246	Jones, Arthur H	May 7, 1901

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LIST OF DENTISTS—*Continued.*

No. of Cert.		Date of Registration.
302	Jessup, Samuel	June 13, 1902
318	Jones Charles E	Sept. 25, 1902
338	Jones, Louis D	Dec. 31, 1902
272	Kane, John K	Nov. 14, 1901
278	Kent, Edwin N	Jan. 14, 1902
252	Koenig, Ernest L	June 6, 1901
249	Koons, William A	May 15, 1901
250	Kuper, Bernard L	May 16, 1901
257	Kremar, Victor	July 8, 1901
23	Kennerly, John H	Oct. 25, 1897
3	Kiess, H. W	Oct. 12, 1897
70	Kimbraugh, J. B	Dec. 29, 1897
148	Keith, Henry H	Oct. 21, 1898
156	Koch, Hy. F. W	Oct. 22, 1898
172	Kimbrough, Henry Sheppard	Jan. 5, 1899
183	Kelsey, Dan'l M	Feb. 20, 1899
228	Kehde, Howard A	May 8, 1900
625	Lark, George M	June 22, 1900
102	Langley, Jas. W	May 26, 1898
235	Lischer, Benno E	Oct. 6, 1900
230	Lourie, Lloyd S	Sept. 22, 1900
145	Lukens, Clarence D	Oct. 20, 1898
149	Loesch, George Washington	Oct. 21, 1898
28	Lawrenz, Wm. F	Oct. 28, 1897
66	Le Cron, Daniel O. M	Dec. 17, 1897
33	Lehmberg, Hugo A	Nov. 8, 1897
92	Lewis, Amos F	Feb. 24, 1898
21	Lierman, Wm. J	Oct. 25, 1897
56	Lindsley, DeCourcey B	Dec. 7, 1897
197	Lansburg, Herman M	July 11, 1899
203	Lindenberger, Charles	Sept. 1, 1899
196	Lindenberger, Harry	July 11, 1899
276	Lofton, William S	Jan. 8, 1902
287	Lark, Wm. J	Apr. 9, 1902
294	Love, Wm. H	May 21, 1902
315	Lupton, Stuart K	Sept. 9, 1902
334	Le Cron, Robert N	Dec 4, 1902
337	Ludwig, Alphonse J	Dec. 29, 1902
329	Meng, Chas. F	Nov. 7, 1902
335	Miller, Edward J	Dec. 10, 1902
307	McKinney, Albert W	July 15, 1902
324	McQuiston, Joshua P	Oct. 8, 1902
277	McCain, John H	Jan. 19, 1902
256	McClean, Alex. W	June 26, 1901
245	Mathal, George H	May 7, 1901
248	Mandel, Leo	May 14, 1901
258	Mayers, Karl L	July 9, 1901
253	Meyers, Joel E	June 7, 1901
195	Merrill, Frederick B	June 21, 1899
201	McAyeal, Thos. S	Aug. 28, 1899
189	McKellops, Leo G	May 6, 1899
219	McClean, J. Lacey	May 8, 1900
218	Marks, Adolph L	May 9, 1900
200	Mifong, Sylvester C	Aug. 22, 1899
9	Manhard, Ormond H	Oct. 19, 1897
25	Marshal, Milton C	Oct. 27, 1897
75	Marshall, James M	Jan. 10, 1898
81	Morrow, D. E	Jan. 18, 1898
4	Moser, Arthur T. E. A	Oct. 13, 1897
6	Murray, Alexander	Oct. 16, 1897
62	Muth, W. E	Dec. 14, 1897
118	Morrow, Edwin A	Sept. 12, 1898
136	Mace, R. H	Oct. 20, 1898
151	Meredith, Isaac Perkins	Oct. 21, 1898
157	Morrison, P. Holmes	Oct. 24, 1898
165	Moore, M. R	Nov. 15, 1898
124	McManis, Richard C	Oct. 15, 1898
168	McMaster, John A	Nov. 4, 1898
137	Niemeyer, Ernest L	Oct. 20, 1898
43	Nelson, Neil P	Nov. 19, 1897
49	Newby, J. B	Nov. 30, 1897
212	Nevins, George W	Dec. 13, 1899
268	Nelson, Ralph E	Aug. 14, 1901
300	Nash, Jas. B	June 6, 1902

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LIST OF DENTISTS—*Continued*.

No. of Cert.		Date of Registration.
143	Owen, Geo. H	Oct. 20, 1898
161	Osterheld, David	Nov. 5, 1898
120	Pound, Fred'k F	Sept. 19, 1898
144	Parks, Wm. F	Oct. 20, 1898
146	Pfaff, Joseph G	Sept. 18, 1898
158	Prinz, Herman	Oct. 26, 1898
166	Parrish, Richard Lewis	Nov. 16, 1898
184	Pearson, Maurice W	Mar. 22, 1899
185	Pfaff, Casper Paul	April 8, 1899
266	Paul, Henry L	Sept. 26, 1901
275	Pemberton, Earl P	Jan. 3, 1902
321	Prouty, Eston H	Oct. 4. 1902
325	Perkins, Robt. S	Oct. 29, 1902
332	Pippen, Bland N	Nov. 26, 1902
339	Pendleton, John R	June 15, 1903
342	Prickett, Harrison D	Feb. 6, 1903
310	Rothschild, Aaron	Aug. 1, 1902
270	Rose, Warren E	Oct. 14, 1901
8	Parsons, G. H	Oct. 18, 1897
47	Peferling, Theodore L	Nov. 29, 1897
231	Pohl, Edward J	May 9, 1900
39	Prince, L. F	Nov. 13, 1897
38	Pruett, Walter L	Nov. 12, 1897
37	Prosser, A. J	Nov. 12, 1897
202	Pfaff, Henry V	Aug. 29, 1899
207	Reno, C. B	Oct. 4, 1899
80	Richardson, Charles W	Jan. 18, 1898
40	Robitoy, George	Nov. 15, 1897
117	Ruge, Julian P	Aug. 29, 1898
140	Rawson, Leslie Emmett	Oct. 20, 1898
141	Reisse, Edward Charles	Oct. 20, 1898
240	Richardson, Elbridge M	Oct. 24, 1900
155	Rodomsky, J	Oct. 22, 1898
35	Roddy, W. A	Nov. 10, 1897
82	Romaine, Claude	Jan. 18, 1898
51	Sanders, R. T	Dec. 1, 1897
87	Saxenmeyer, Herman	Feb. 7, 1898
217	Scherzinger, Alexander	Mar. 13 1900
234	Shaul, Dell W	June 25, 1900
58	Shelp, Willard B	Dec. 9, 1897
57	Shelp, V. L	Dec. 9, 1897
2	Spalding, J. H	Oct. 12, 1897
36	Stevens, De Mott	Nov. 12, 1897
48	Summa, Carl	Nov. 30, 1897
69	Summa, Richard	Dec. 23, 1897
113	Schumacher, Carl E	June 22, 1898
115	Shelp, E	Aug 1, 1898
119	Schrantz, Edward	Sept. 17, 1898
135	Stanza, Nathaniel B	Oct. 19, 1899
138	Schultz, Wm. F. A	Oct. 20, 1898
142	Scott, Walter H	Oct. 20, 1898
147	Smith, Montana T	Oct. 20, 1898
154	Smith, Hulbert S	Oct. 22, 1898
170	Sullivan, Patrick J	Nov. 29, 1898
177	Sauer, Arthur Ward	Jan. 11, 1899
215	Sappington, Clarence L	Jan. 16, 1900
209	Sargent, Alfred B	Oct. 18, 1899
191	Schiermann, Joseph F	May 22, 1899
187	Shekleton, Thos. H	April 18, 1899
229	Stephens, Charles E	May 8, 1900
241	Stoeckhoff, Arthur M	Dec. 15, 1900
282	Schleef, Claire B	Feb. 13, 1902
274	Spalding, John G	Dec. 6, 1901
279	Stamm, Anthony P	Jan. 20, 1902
283	Strange, Algy F	Feb. 19, 1902
289	Snider, Louis S	May 5, 1902
293	Stemmler, Laurel A	May 17, 1902
304	Shea, Mabel E	June 17, 1902
309	Smith, Harry M	July 24, 1902
320	Scott, Walter H	Oct. 1, 1902
328	Shewe, Edw. F	Nov. 6, 1902
330	Stephenson, Geo. P	Nov. 21, 1902
336	Shankland, James W	Dec. 12, 1902
344	Sullivan, Edwin O	Apr. 6, 1903

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LIST OF DENTISTS—*Continued.*

No. of Cert.		Date of Registration.
288	Terhellen, Emil W	Apr. 14, 1903
322	Thrush, William A	Oct. 8, 1902
331	Townsend, Nealy J	Nov. 21, 1902
251	Templeton, James G	May 21, 1901
284	Todd, James A	March 3, 1902
192	Temm, E. W. B	June 6, 1899
175	Tschirner, Albert P	Jan. 10, 1899
178	Thorpe, B. L	Jan. 17, 1899
71	Thayer, Hanford	Dec. 31, 1897
46	Tiffin, Joseph	Nov. 27, 1897
96	Turner, T. E	Mar. 4, 1898
60	Vaughan, Robert R	Dec. 13, 1897
42	Voyles, Stephen H	Nov. 17, 1897
134	Van Aller, Harry G. G	Oct. 19, 1898
159	Vogt, Rudolph Albert	Oct. 29, 1898
343	Van Lockum, Henry H	Feb. 12, 1903
291	Wolff, Andrew S	May 14, 1902
308	Weakley, Edwin V	June 16, 1902
316	Wesseler, Martin I	Sept. 16, 1902
328	West, James B	Oct. 30, 1902
233	Wavrin, John A	Oct. 24, 1900
228	Weinburger, Emma P	June 22, 1900
206	Wigginton, Albert B	Sept. 20, 1899
210	Wild, John H	Oct. 31, 1899
100	Wulze, Edward A. F	May 2, 1898
108	Wick, Frank C	June 10, 1898
109	Waldschmidt, August J	June 10, 1898
110	Wick, James W	June 10, 1898
121	Wild, Frank	Oct. 1, 1898
171	Wilburn, Allie Banks	Dec. 24, 1898
180	Williams, James I	Jan. 24, 1899
16	Wear, Robert A	Oct. 22, 1897
44	Whipple, James W	Nov. 23, 1897
53	Whipple, Will L	Dec. 3, 1897
78	Whitsett, Edgar M	Jan. 15, 1898
15	Wilkersham, W. R	Oct. 22, 1897
41	Wieser, Florian J	Nov. 15, 1897
50	Williams, Samuel	Nov. 30, 1897
61	Windhorst, M. R	Dec. 14, 1897
238	Wood, Henry T	Sept. 22, 1900
55	Wright, Wm. H	Dec. 7, 1897
261	Welch, T. John	Aug. 9, 1901
265	Westhoff, G. H. M	Sept. 3, 1901
259	Wild, Rudolph	Aug. 2, 1901
264	Wurtz, Eugene D	Aug. 16, 1901
63	Yeargain, George W	Dec. 15, 1897
101	Young, L. Alvin	May 17, 1898
327	Yhellar, James L	Oct. 30, 1902

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LIST OF DENTISTS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH THE ACT OF THE LEGISLATURE, APPROVED MARCH 19, 1897, SINCE MY LAST REPORT.

No. of Cert.		Date of Registration.
357	Brown, James A	May 29, 1903
373	Bush, William F	Sept. 26, 1903
380	Carroll, Oscar V	Nov. 4, 1903
390	Cleveland, G. Clayton	Feb. 25, 1904
374	Diamond, Peter T	Sept. 29, 1903
377	Elder, Isham D	Oct. 7, 1903
368	Flamm, William	Aug. 25, 1903
367	Garcia, Emanuel J	Aug. 14, 1903
388	Groshon, Augustus D	Feb. 10, 1904
364	Hawley, Thomas G	Aug. 8, 1903
371	Holschbach, Charles S	Sept. 10, 1903
387	Hawley, Bernard S	Feb. 8, 1904
391	Houston, Claude D	Mar. 24, 1904
350	Jones, Lovick A	May 13, 1903
370	Johnson, Albert F	Sept. 3, 1903
379	Johnson, Eugene W	Oct. 27, 1903
389	Jenkins, Leroy D	Feb. 19, 1904
356	Kitchen, Geo. Lee	May 28, 1903
362	Kapitan, Emil M	July 31, 1903
365	Keehn, Harry	Aug. 8, 1903
247	Leonards, Herbert M	April 27, 1903
352	Loundagen, Harvey A	May 16, 1903
359	Leibrock, Elmer Z	June 6, 1903
381	Lynott, F. B	Nov. 18, 1903
385	Lobig, Peter P	Jan. 14, 1904
360	Moore, John C. Y	July 20, 1903
363	Meguiar, Charles W	Aug. 6, 1903
376	Morris, James D	Oct. 5, 1903
386	Michel, Pierre A	Feb. 5, 1904
358	McMahon, Carl M	June 2, 1903
375	Phillips, Wm	Oct. 1, 1903
384	Reuter, John L	Jan. 2, 1904
346	Standinger, Paul W	April 20, 1903
348	Summers, Charles A	May 5, 1903
349	Schmeckebier, Wm. F	May 8, 1903
354	Stern, Leopold	May 23, 1903
366	Simpson, Clarence O	Aug. 12, 1903
369	Scarsdale, Harvey B	Aug. 27, 1903
372	Schlagenhauf, Edward	Sept. 15, 1903
383	Shanklin, Robt. L	Dec. 10, 1903
345	Terrel, Francis M	April 15, 1903
353	Tivy, William T	May 19, 1903
355	Van Winkle, Wm. D	May 25, 1903
351	Wells, Wm. C. C	May 15, 1903
361	Weisner, Ferdinand B	July 31, 1903
378	West, Joseph W	Oct. 19, 1903
382	Winter, Geo. B. W	Nov. 23, 1903

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LIST OF PHARMACISTS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH AN ACT OF THE GENERAL ASSEMBLY, APPROVED MARCH 31, 1893.

Date of Record.		No. of Cert.	Date of Certificate.
July 1, 1893	Achenbach, H. C.	9,003	Oct. 29, 1900
May 4, 1894	Ackenhausen, Wm. A.	11,324	May 1, 1894
July 17, 1893	Ahlbrandt, H. E.	649	Aug. 18, 1881
July 1, 1893	Aldenhoven, Carl Herbert	5,046	April 18, 1887
July 3, 1893	Allen, Charles H.	100	May 8, 1889
July 6, 1893	Allen, John H.	10,100	July 16, 1892
July 28, 1893	Alexander, N. W.	1	Aug. 1, 1881
Mar. 22, 1901	Allyn, Paul	13,635	Mar. 31, 1901
Mar. 22, 1901	Allyn, Walter H.	13,519	Feb. 7, 1901
Oct. 26, 1893	Althoff, A. J.	11,061	Oct. 10, 1893
July 3, 1893	Ameling, Frank H.	9,875	April 1, 1892
July 25, 1893	Andreas, Gustavus	103	July 20, 1881
July 15, 1893	Angermueller, W. F.	9,702	Oct. 6, 1891
Sept. 26, 1893	Arner, Emil	7,072	Oct. 1, 1888
July 6, 1893	Aszmann, Aug. F.	10,842	July 3, 1893
July 31, 1893	Augustine, Otto F.	411	Aug. 2, 1881
Mar. 31, 1897	Abel, Louis F.	12,296	Mar. 31, 1897
Mar. 31, 1897	Abraham, Will W., Jr.	12,297	Mar. 31, 1897
Oct. 27, 1897	Albert, F. W.	12,415	Oct. 14, 1897
July 11, 1897	Aufderheide, Wm. D.	11,519	Dec. 24, 1894
Feb. 11, 1899	Arras, C. G.	12,135	Mar. 24, 1896
Mar. 26, 1900	Angermueller, E. P.	12,750	Mar. 23, 1900
May 6, 1901	Ament, Claude M.	14,338	May 4, 1901
May 23, 1901	Alch, George H., M. D.	14,718	May 21, 1901
June 4, 1901	Allen, J. Edwin, M. D.	14,878	May 29, 1901
Aug. 15, 1901	Allen, J. W., M. D.	14,640	May 17, 1901
May 13, 1902	Ames, Wm. H.	15,327	May 13, 1902
June 3, 1902	Abeken, F. G.	15,002	June 3, 1902
June 2, 1902	Brady, Jules M.	13,405	June 2, 1902
July 24, 1902	Brinkbauer, Peter	14,784	July 24, 1902
Oct. 20, 1902	Buchanan, R. R.	13,195	Oct. 20, 1902
Mar. 23, 1903	Brainard, Zach.	8,179	Mar. 28, 1902
May 6, 1901	Blackman, Edgar N.	12,299	Mar. 31, 1897
May 13, 1901	Burns, Robt., Jr.	14,351	May 4, 1901
May 23, 1901	Bohannon, Burton	14,710	May 21, 1901
May 24, 1901	Borgelt, George B.	14,702	May 21, 1901
May 27, 1901	Biewend, Edward F., M. D.	14,783	May 24, 1901
May 27, 1901	Bang, Chas. G., M. D.	14,782	May 24, 1901
May 29, 1901	Blanke, T. F., M. D.	14,791	May 24, 1901
May 31, 1901	Bewig, Hy W., M. D.	14,802	May 25, 1901
May 31, 1901	Bebout, Anna, M. D.	14,849	May 29, 1901
June 3, 1901	Boya, Fred'k R., M. D.	14,759	May 23, 1901
June 7, 1901	Bernstorff, Charles	14,866	May 29, 1901
June 10, 1901	Benson, Sam'l A., M. D.	14,888	May 31, 1901
June 13, 1901	Beall, Kate W., M. D.	14,907	June 1, 1901
June 13, 1901	Beall, Mary Elliott, M. D.	14,828	May 28, 1901
June 14, 1901	Baer, Paul R., M. D.	10,464	Mar. 30, 1893
June 15, 1901	Barricelli, L. E.	14,971	June 7, 1901
June 27, 1901	Bosse Edwin, M. D.	15,186	June 14, 1901
Dec. 17, 1901	Bongner, Anthone A.	13,939	May 13, 1901
Mar. 30, 1900	Breitenpoehler, Wm. G.	12,752	Mar. 23, 1900
July 13, 1898	Byrne, T. F.	12,575	July 8, 1898
Jan. 14, 1898	Bauer, Alfred G.	12,444	Jan. 12, 1898
Aug. 5, 1897	Bauer, Edward C.	12,259	Jan. 13, 1897
Jan. 29, 1898	Behrens, G. W.	12,447	Jan. 12, 1898
Jan. 13, 1897	Barnes, E. R.	11,161	Jan. 8, 1894
Nov. 20, 1896	Bergen, Dell.	11,704	April 12, 1895
Jan. 20, 1897	Bredeman, F. W.	12,263	Jan. 13, 1897
July 27, 1893	Bade, William	233	July 25, 1881
July 1, 1893	Baesler, J. B.	484	Aug. 4, 1881
July 31, 1893	Balz, E. C.	9,785	Jan. 5, 1892
Dec. 8, 1893	Barber, Joel H.	11,503	Dec. 6, 1894
July 29, 1893	Barber, S. E.	9,784	Jan. 5, 1892
Aug. 5, 1893	Bartcher, Hugo W.	9,780	Dec. 30, 1891
Mar. 8, 1895	Barksdale, R. C.	9,702	Oct. 6, 1891
July 1, 1893	Bauer, E. G.	8,990	Oct. 23, 1890
July 1, 1893	Bartmer, Adolph H.	7,079	April 19, 1889
July 3, 1893	Bang, Charles	559	Aug. 10, 1881
July 11, 1893	Barnes, Algernon S., Jr.	10,202	Oct. 17, 1892
July 24, 1893	Barkhoefer, Henry W.	965	Jan. 4, 1882
July 3, 1893	Baron, William	9,915	April 4, 1892
July 1, 1893	Bear, John H.	9,607	July 7, 1891
Feb. 15, 1894	Bausch, Oscar F. C.	3,738	Mar. 19, 1884
May 7, 1894	Baumeister, Charles	10,276	Jan. 11, 1893

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LIST OF PHARMACISTS—*Continued.*

Date of Record.		No. of Cert.	Date of Certificate.
July 1, 1893	Bohannan, William F	576	Aug. 11, 1881
July 1, 1893	Bendel, Charles A	73	July 18, 1881
July 1, 1893	Bolm, Wm. C	655	Aug. 18, 1881
July 3, 1893	Billerth, George	510	Aug. 5, 1881
July 3, 1893	Bredemeyer, Charles	222	July 25, 1881
July 6, 1893	Braun, Adolph	23	July 15, 1881
July 6, 1893	Behrens, Louis	7,034	Jan. 2, 1888
July 6, 1893	Berg, George G	3,741	Mar 31, 1884
July 7, 1893	Braun, Henry	268	July 27, 1881
July 8, 1893	Bode, Theo. C	10,604	April 21, 1893
July 11, 1893	Burkart, E. H	9,787	Jan. 5, 1892
July 11, 1893	Bente, Wm. F	9,786	Jan. 5, 1892
July 12, 1893	Boehm, Solomon	629	Aug. 16, 1881
July 12, 1893	Bohannan, Charles A	129	July 20, 1881
July 13, 1893	Bogy, John Louis	8,699	April 25, 1890
July 13, 1893	Bockstruck, W. F	10,872	July 12, 1893
July 13, 1893	Bradley, Arthur H	9,936	April 9, 1892
July 13, 1893	Brammeier, William H	10,630	April 27, 1893
July 13, 1893	Brandon, Gus	289	July 28, 1881
July 14, 1893	Bodemann, John W	10,521	April 6, 1893
July 18, 1893	Blum, G. L	9,096	Dec. 11, 1890
July 19, 1893	Bentz, Albert P	654	Aug. 18, 1881
July 20, 1893	Borchers, Charles E	153	July 21, 1881
July 24, 1893	Brinkman, Edward	8,083	April 1, 1889
July 25, 1893	Bourscheidt, Julius	90	July 19, 1881
July 25, 1893	Brueggemann, A. E	8,355	Jan. 6, 1890
July 26, 1893	Buenger, Herman Wm	417	Aug. 3, 1881
July 27, 1893	Byrne, Dennis A	614	Aug. 15, 1881
July 27, 1893	Bachmann, Emil	287	July 27, 1881
July 27, 1893	Bribach, B	10,966	July 27, 1893
July 27, 1893	Borton, James M	10,969	July 27, 1893
July 28, 1893	Boone, U. S	7,104	Aug. 17, 1888
July 28, 1893	Behrens, Emil C	9,883	April 4, 1892
July 28, 1893	Bryant, W. A	9,789	Jan. 5, 1892
July 28, 1893	Blank, Alois	238	July 26, 1881
July 23, 1893	Bernays, C. L	732	Aug. 26, 1881
July 28, 1893	Branch, William, Jr	7,061	Jan. 7, 1889
July 29, 1893	Bernius, E. A	8,359	Jan. 6, 1890
July 29, 1893	Blank, Charles F	10,976	July 28, 1893
Aug. 2, 1893	Brenner, Henry G	9,610	July 8, 1891
Aug. 3, 1893	Bergmann, Emil	10,089	July 6, 1892
Aug. 14, 1893	Brockmann, John H	93	July 18, 1881
Oct. 14, 1893	Billerth, William	11,062	Oct. 10, 1893
Dec. 7, 1893	Breaker, James J	9,980	April 26, 1892
Dec. 22, 1893	Bracy, S. V	11,063	Oct. 10, 1893
Jan. 9, 1894	Britch, Frank M	11,159	Jan. 8, 1894
Jan. 24, 1894	Biermann, H. F. C	11,191	Jan. 17, 1894
Feb. 15, 1894	Bausch, Oscar F. C	3,738	Mar. 19, 1894
April 3, 1894	Buhman, Rudolph	11,242	April 3, 1894
April 17, 1894	Broude, Sergius	11,257	April 11, 1894
April 21, 1894	Boulware, Emmett M	11,303	April 20, 1894
April 24, 1894	Bernsch, Adolph C	11,296	April 19, 1894
Aug. 30, 1894	Bowman, S. L	9,494	May 5, 1891
Oct. 24, 1894	Bonewitz, John	11,436	Oct. 8, 1894
Nov. 9, 1894	Boehm, Joseph Leopold	11,439	Oct. 8, 1894
Dec. 17, 1894	Blech, Gustavus	11,514	Dec. 15, 1894
Jan. 28, 1895	Buse, Benjamin E	11,568	Jan. 28, 1895
Mar. 19, 1895	Beeli, Leo J	11,624	Mar. 19, 1895
April 19, 1895	Brockmann, Charles G	11,775	April 17, 1895
Feb. 24, 1896	Blackwell, Wm. E	11,797	April 20, 1895
Jan. 30, 1901	Baepler, Otto	13,455	Jan. 16, 1901
Aug. 14, 1900	Black, A. J., M. D	12,870	Aug. 10, 1900
Mar. 20, 1901	Brooks, Hyman, M. D	13,648	Mar. 18, 1901
Feb. 12, 1901	Cairiere, Theo. L	13,514	Feb. 6, 1901
Oct. 15, 1900	Crooks, R. M	13,116	Oct. 10, 1900
July 1, 1893	Caffall, Charles	3,450	Oct. 5, 1885
July 1, 1893	Craemer, Wm. F. G	8,981	Oct. 21, 1890
July 5, 1893	Clausen, Henry	912	Oct. 3, 1881
July 5, 1893	Cummins, William	3,689	June 27, 1883
July 7, 1893	Claus, Otto	531	Aug. 8, 1881
July 11, 1893	Coelin, Charles V	199	July 23, 1881
July 13, 1893	Carey, Francis P	9,616	July 12, 1891
July 13, 1893	Carey, Joseph T	10,205	Oct. 19, 1892
July 15, 1893	Clark, Wm. R	7,105	Aug. 28, 1888

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LIST OF PHARMACISTS—*Continued*.

Date of Record.		No. of Cert.	Date of Certificate.
July 17, 1893	Craighead, Gordon G	10,279	Jan. 11, 1893
July 19, 1893	Connor, James F	611	Aug. 15, 1881
July 20, 1893	Cummings, John F	10,835	July 3, 1893
July 24, 1893	Crutcher, P. F	9,790	Jan. 5, 1892
July 24, 1893	Crusius, Theodore	8,979	Oct. 20, 1890
July 26, 1893	Crusius, Alex	7,079	Jan. 7, 1889
July 29, 1893	Cushman, George H	8,681	April 7, 1890
July 29, 1893	Cherry, William W	9,576	June 25, 1891
July 31, 1893	Cassilly, John L	917	Sept. 30, 1881
July 31, 1893	Chapline, Jesse G	8,234	Oct. 1, 1889
Aug. 12, 1893	Carson, Wm. B	4,085	July 19, 1886
Oct. 11, 1893	Christman, Fred	11,065	Oct. 10, 1893
Dec. 21, 1893	Carsow, R. B	10,277	Jan. 11, 1893
Jan. 13, 1894	Clark, W. A	11,160	Jan. 8, 1894
Nov. 26, 1894	Church, Harry L	11,453	Nov. 20, 1894
Aug. 28, 1895	Converse, Elam H	11,455	Nov. 20, 1894
April 23, 1895	Cook, Earl	11,542	Jan. 16, 1895
June 4, 1895	Carroll, Thomas F. X	11,941	June 4, 1895
Oct. 20, 1896	Christopher, Fred'k A	12,228	Oct. 14, 1896
Nov. 11, 1896	Cody, H. L	12,098	Jan. 13, 1896
Mar. 31, 1899	Crow, T. Lyle	12,646	Mar. 29, 1899
Mar. 13, 1899	Curts, W	12,481	Mar. 31, 1898
Oct. 17, 1899	Collins, John A	12,724	Oct. 10, 1899
April 4, 1900	Craemer, C. W	12,755	Mar. 23, 1900
Apr. 15, 1901	Carnot, H., M. D	13,802	April 15, 1901
May 27, 1901	Carrierre, C. Louis	14,662	May 20, 1901
May 27, 1901	Coke, Chauncey E., M. D	14,706	May 21, 1901
May 31, 1901	Crapp, L. H., M. D	14,615	May 15, 1901
June 10, 1901	Cook, Paul, M. D	13,677	May 27, 1901
June 14, 1901	Cooney, D. C., M. D	14,999	June 7, 1901
June 24, 1901	Chambers, Jesse P., M. D	13,860	April 17, 1901
June 29, 1901	Calviane, John A., M. D	14,856	May 29, 1901
July 9, 1901	Creveling, H. Clay, M. D	15,196	June 14, 1901
July 9, 1901	Cummings, Henry J., M. D	15,259	June 15, 1901
Oct. 9, 1901	Cavaness, G. W., M. D	8,862	Aug. 6, 1890
Apr. 24, 1901	Dieckman, Wm. C	13,850	April 17, 1901
May 27, 1901	Dinsbeer, J., M. D	14,800	May 25, 1901
May 27, 1901	Dorsey, B. L., M. D	14,693	May 20, 1901
May 31, 1901	Dooley, John, M. D	14,861	May 29, 1901
June 6, 1901	Dwelle, H. B., M. D	14,959	June 5, 1901
June 13, 1901	Dandridge, Jesse R	15,003	June 7, 1901
Mar. 28, 1900	Davidson, Ira M	10,704	May 27, 1893
April 21, 1898	Dehne, Max	112	July 19, 1881
April 17, 1896	Daucy, Lucius	12,137	Mar. 24, 1896
Oct. 16, 1896	Dreisverner, Arnold	12,227	Oct. 14, 1896
May 4, 1895	Deatherage, Wm. H	11,824	April 26, 1895
Nov. 13, 1895	Drace, R. Edward	11,754	April 15, 1895
July 1, 1893	Doering, Henry	106	July 20, 1881
July 1, 1893	Douglass, J. R	3,809	April 5, 1886
July 1, 1893	Doering, Chas. A	9,297	Mar. 19, 1891
July 3, 1893	Davis, Elmer F	7,041	Jan. 2, 1888
July 12, 1893	D'Amour, Otto	653	Aug. 18, 1881
July 17, 1893	Dillon, John S	10,051	June 9, 1891
July 24, 1893	Dunlap, Elbert	9,387	April 10, 1891
July 24, 1893	Danenhaus, H. F	137	July 21, 1881
July 29, 1893	Dunne, Joseph M	10,628	April 26, 1893
July 31, 1893	Diesing, Victor	10,281	Jan. 11, 1893
Aug. 2, 1893	Deuber, George R	9,861	Mar. 28, 1892
Aug 31, 1893	Davis, Emmet M	5,063	April 4, 1887
Dec. 27, 1897	Daudt, Emil W	11,321	April 27, 1894
Nov. 6, 1897	Driscoll, Edward	12,420	Oct. 14, 1897
Dec. 11, 1900	Dalton, Martin	13,259	Nov. 12, 1900
Mar. 8, 1901	Dott, L. H., M. D	13,587	Mar. 4, 1901
May 8, 1900	Eimbeck, George	12,761	Mar. 23, 1900
July 12, 1893	Eckhart, George W	10,830	July 1, 1893
July 18, 1893	English, W. M	10,090	July 6, 1892
July 21, 1893	Eyermann, E. H	10,285	Jan. 11, 1893
July 25, 1893	Engel, Alphonsus J	8,361	Jan. 6, 1890
July 26, 1893	Eckert, Charles V	7,038	July 2, 1888
July 26, 1893	Eswin, Hugo	9,727	Oct. 13, 1891
July 26, 1893	Enderle, Adolph G	7,121	Jan. 8, 1889
July 27, 1893	Elliott, W. E	10,525	April 6, 1893
July 28, 1893	Ernst, Edward J	8,199	Oct. 7, 1889
Aug. 22, 1893	Englert, Victor I	10,332	Feb. 7, 1893

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LIST OF PHARMACISTS—*Continued*.

Date of Record.		No. of Cert.	Date of Certificate.	
Sept. 27, 1893	Etavard, R. T	8,766	June 5, 1890	
May 4, 1895	Eberlein, Edwin W	11,740	April 15, 1895	
Jan. 27, 1896	Eckhart, Richard J	12,101	Jan. 13, 1896	
Jan. 18, 1896	Ettmueller, Otto	12,100	Jan. 13, 1896	
Jan. 15, 1897	Elbrecht, Oscar H	12,266	Jan. 13, 1897	
April 27, 1896	Everett, W. G	12,172	April 16, 1896	
Apr. 17, 1901	Emig, C. H	13,018	Sept. 24, 1900	
May 24, 1901	Eyerman, C. H., M. D	14,689	May 20, 1901	
May 24, 1901	Everette, A. E., M. D	13,634	Mar 13, 1901	
June 10, 1901	Edick, Geo. Henry	14,910	June 1, 1901	
June 14, 1901	Erlick, Lewis W	10,989	July 31, 1893	
June 15, 1901	Endris, Wm. R	14,911	June 1, 1901	
May 25, 1901	Field, Henry L., M. D	14,735	May 23, 1901	
June 7, 1901	Ferguson, J. M., M. D	14,843	May 29, 1901	
July 8, 1901	Frank, John M., M. D	15,185	June 14, 1901	
July 30, 1901	Forthmann, F. W	15,135	June 10, 1901	
Aug. 27, 1901	Frazer, Sam'l H., M. D	14,942	June 4, 1901	
June 12, 1901	Fisher, Walter A	13,937	May 8, 1901	
Oct. 22, 1901	Finley, Chas. H	9,709	Oct. 6, 1891	
April 18, 1896	Fisher, Oscar H	12,102	Jan. 13, 1896	
May 20, 1895	Ferguson, J. G. B	4,167	Mar. 2, 1881	
June 3, 1895	Ford, John F	11,990	June 15, 1895	
July 1, 1893	Friedewald, Herman W	9,729	Oct. 14, 1891	
July 1, 1893	Fritz, John A	5,018	Jan. 25, 1887	
July 3, 1893	Finke, Augustus	9,594	July 7, 1891	
July 6, 1893	Fuller, Henry	75	July 18, 1881	
July 7, 1893	Foelling, Emil	10,182	Oct. 4, 1892	
July 10, 1893	Fisher, Henry	262	July 25, 1881	
July 10, 1893	Fleming, William S	10,840	July 3, 1893	
July 10, 1893	Funke, A. F	10,183	Oct. 4, 1892	
July 18, 1893	Feager, Theo	367	Aug. 1, 1881	
July 18, 1893	Funsch, Oliver	3,791	April 5, 1886	
July 21, 1893	Fischer, Otto F	10,586	April 18, 1893	
July 21, 1893	Fischer, Albert Martin	5,051	May 23, 1887	
July 24, 1893	Fischer, Louis A	10,948	July 24, 1893	
July 24, 1893	Friedberg, A. H	7,117	Nov. 5, 1888	
July 24, 1893	Fahlen, Julius	5,014	Jan. 6, 1887	
July 25, 1893	Friesz, Jacob	3,773	July 30, 1885	
July 25, 1893	Funsch, A. J	9,770	Dec. 15, 1891	
July 26, 1893	Fiquet, Paul E	193	July 22, 1881	
July 27, 1893	Fischer, Julius V	9,055	Nov. 20, 1890	
July 31, 1893	Ferrell, John	10,988	July 31, 1893	
July 31, 1893	Fricke, Fred C	9,999	May 10, 1892	
July 31, 1893	Francis, John	529	Aug. 6, 1881	
July 31, 1893	Fernow, John A	10,997	July 31, 1893	
Aug. 8, 1893	Fischer, Hermann	647	Aug. 18, 1881	
Dec. 11, 1893	Fox, Francis W	11,111	Nov. 4, 1893	
Feb. 3, 1894	Frielingsdorf, Ewald H	11,203	Feb. 3, 1894	
April 25, 1894	Fischer, Rudolph F	11,318	April 24, 1894	
April 25, 1894	Finks, Adolph M	11,307	April 20, 1894	
June 11, 1894	Fienup, Theo. F	11,306	April 20, 1894	
June 12, 1894	Flanders, Alton A	11,349	July 9, 1894	
Aug. 6, 1894	Flippen, James H	11,162	Jan. 8, 1894	
April 14, 1898	Fahrenkrog, W. F	12,482	Mar. 31, 1898	
Aug. 11, 1898	Fick, Wesley C	12,304	Mar. 31, 1897	
April 4, 1900	Frank, Herman	12,765	Mar. 23, 1900	
Mar. 27, 1901	Fletcher, Hubert H., M. D	13,670	Mar. 25, 1901	
Mar. 30, 1901	Gantz, E. O., M. D	12,967	Sept. 25, 1900	
Feb. 11, 1901	Gerwigen, Eugene H., M. D	13,520	Feb. 7, 1901	
Mar. 27, 1901	Gish, George J. P	13,381	Dec. 27, 1900	
Feb. 11, 1901	Glasford, Sam'l T., M. D	13,521	Feb. 7, 1901	
May 1, 1899	Gray, Robt. N	3,706	June 4, 1899	
Feb. 2, 1900	Greensfelder, Henry B	12,747	Feb. 2, 1900	
Mar. 1, 1900	Guttmann, John A	11,301	April 20, 1894	
May 31, 1898	Groene, Paul A	12,305	Mar. 31, 1897	
July 1, 1893	Goehring, John G	626	Aug. 16, 1881	
July 1, 1893	Gaertner, Robert H	7,026	July 2, 1881	
July 1, 1893	Garthoffner, Frank C	8,342	Jan. 6, 1890	
July 1, 1893	Glenn, Thomas S	116	July 20, 1881	
July 3, 1893	Graichen, F. A	322	July 29, 1881	
July 3, 1893	Griesback, Henry F	433	Aug. 3, 1881	
July 6, 1893	Giersen, J. L. G	627	Aug. 16, 1881	
July 11, 1893	Gulath, Charles	363	Aug. 1, 1881	
July 13, 1893	Gibson, James	478	Aug. 4, 1881	

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LIST OF PHARMACISTS—*Continued*.

Date of Record.		No. of Cert.	Date of Certificate.	
July	13, 1893	Grant, W. R	10,868	July 12, 1898
July	14, 1893	Guhman, Nicholas	53	July 16, 1881
July	14, 1893	Goehring, G. H. M	10,905	July 14, 1893
July	19, 1893	Grandjean, Eugene	430	Aug. 3, 1881
July	19, 1893	Grandjean, Charles L	432	Aug. 3, 1881
July	22, 1893	Goode, J. M	22	July 15, 1881
July	24, 1893	Guerdan, John	10,812	June 28, 1893
July	25, 1893	Gest, Albion P	10,678	May 16, 1893
July	26, 1893	Godron, Emil W	10,961	July 26, 1893
July	28, 1893	Gatewood, R. A. J. L	9,070	Nov. 25, 1890
July	29, 1893	Graf, J. P	9,708	Oct. 6, 1891
July	31, 1893	Grindon, Arthur T	52	July 16, 1881
July	31, 1893	Gardner, B. A	10,882	July 12, 1893
July	31, 1893	Gissy, Gustavus A	10,986	July 31, 1893
Aug.	1, 1893	Geiler, Joseph X	.....	April 17, 1893
Aug.	1, 1893	Geitner, Charles	732	Aug. 23, 1881
Sept.	5, 1893	Geiger, Charles F	8,364	Jan. 6, 1890
Sept.	6, 1893	Guhman, Matthew G	9,410	April 10, 1891
Sept.	6, 1893	Guhman, John O	8,516	Mar. 20, 1890
April	30, 1894	Grebe, Emil	8,559	Oct. 7, 1890
Oct.	29, 1894	Gray, John M	11,068	Oct. 10, 1893
Nov.	1, 1894	Greve, Louis F	8,348	Jan. 6, 1890
Jan.	17, 1896	Green, McQuillan, Dr	11,918	May 23, 1895
Jan.	18, 1896	Germann, William F	12,106	Jan. 13, 1896
Jan.	21, 1896	Gross, Christ F. H	12,105	Jan. 13, 1896
Jan.	27, 1896	Gerber, Rud. M	12,104	Jan. 13, 1896
April	14, 1896	Garvin, W. S	12,138	Mar. 24, 1896
Aug.	18, 1896	Gerke, Wm. E	12,139	Mar. 24, 1896
Oct.	29, 1896	Grabenschroer, Fred C	12,230	Oct. 14, 1896
Oct.	15, 1896	Gralike, Herman A	12,232	Oct. 14, 1896
Mar.	9, 1898	Gibson, Geo. R	12,428	Oct. 14, 1897
Feb	7, 1898	Goldman, Harry	12,452	Jan. 12, 1898
Oct.	18, 1897	Guerich, W	12,424	Oct. 14, 1897
April	25, 1901	Goessler, Chas. J	12,767	Mar. 22, 1900
May	29, 1901	Grundmann, Fred W. M. D	15,730	May 23, 1901
June	10, 1901	Grosby, H. G., M. D	14,876	May 29, 1901
June	14, 1901	Gibson, Orlando G., M. D	14,656	May 20, 1901
May	11, 1901	Higson, John W., M. D	14,483	May 8, 1901
May	17, 1901	Horstmann, Wm	12,280	Jan. 13, 1897
May	22, 1901	Herchenroeder, Louis C	14,701	May 21, 1901
May	23, 1901	Hopkins, Milton J	14,862	May 29, 1901
May	28, 1901	Harkins, H. C., M. D	14,762	May 23, 1901
May	28, 1901	Hampshire, Geo. H., M. D	14,535	May 11, 1901
June	5, 1901	Hughes, Marc. Ray, M. D	14,921	June 3, 1901
June	10, 1901	Harris, R. C., M. D	13,152	Oct. 16, 1900
June	10, 1901	Harris, I. J., M. D	14,361	May 4, 1901
June	15, 1901	Holtgrewe, Frank W., M. D	14,803	May 25, 1901
June	28, 1901	Hoffman, George, M. D	15,105	June 12, 1901
July	8, 1901	Hill, R. S., M. D	15,006	June 7, 1901
July	20, 1901	Hoevel, Hugo H., P. H. G	14,917	April 15, 1901
Mar.	21, 1902	Huffman, Sam'l A	14,591	May 14, 1901
June	25, 1897	Herzog, Fred H	12,271	Jan. 13, 1897
Oct.	25, 1897	Hezekiah, Gregg	3,453	Oct. 5, 1885
Jan.	24, 1898	Hogan, Frank R	12,397	July 14, 1897
June	29, 1897	Holcomb, B. F., M. D	12,278	Jan. 13, 1897
Jan.	27, 1898	Huegel, Henry A	12,454	Jan. 12, 1898
Mar.	31, 1897	Havermann, Fred	12,307	Mar. 31, 1897
Nov	17, 1896	Henckler, Emil H	12,234	Oct. 14, 1896
Aug.	5, 1896	Herbert, Charles	12,070	Oct. 16, 1895
Oct.	16, 1896	Herman, Theo. H	12,235	Oct. 14, 1896
June	11, 1896	Higgins, Geo. B	12,071	Oct. 16, 1895
April	1, 1897	Hoenig, W. L	12,309	Mar. 31, 1897
April	3, 1897	Huger, Bernard C	12,310	Mar. 31, 1897
June	3, 1895	Hall, Thos. H	11,906	June 14, 1895
July	5, 1895	Haverstick, G. W	11,649	May 29, 1895
Aug.	20, 1895	Hautz, Joseph L	11,148	Dec. 20, 1893
Mar.	28, 1896	Hicks, J. B	12,141	Mar. 24, 1896
July	1, 1893	Hoch, Harry F	9,150	Jan. 6, 1891
July	1, 1893	Hoenny, A. J	3,755	Sept. 19, 1884
July	3, 1893	Hoyer, Hugo	217	July 25, 1881
July	3, 1893	Hoyer, Oswald	218	July 25, 1881
July	5, 1893	Herkert, F. C	8,042	April 1, 1889
July	5, 1893	Heinig, F. W	332	July 30, 1881
July	5, 1893	Hartnagel, Gus A	3,710	Oct. 24, 1883

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LIST OF PHARMACISTS—*Continued.*

Date of Record.		No. of Cert.	Date of Certificate.	
July	5, 1893	Hemm, Francis	10,841	July 3, 1893
July	7, 1893	Haeberle, Christ	8,976	Oct. 20, 1890
July	10, 1893	Huber, Julius B	889	Sept. 15, 1881
July	10, 1893	Hirsch, Charles W	196	July 23, 1881
July	14, 1893	Hansmann, Theo. E	9,681	Sept. 15, 1891
July	14, 1893	Harris, E. N	509	Aug. 5, 1881
July	18, 1893	Hassebrock, John F	8,973	Oct. 18, 1890
July	19, 1893	Hermann, G. A	9,109	Dec. 18, 1890
July	19, 1893	Heise, Henry	9,026	Nov. 11, 1890
July	20, 1893	Hoffmann, Theo	9,677	Sept. 1, 1891
July	21, 1893	Hagee, W. P	2,086	July 25, 1881
July	24, 1893	Hennrich, William P	10,561	April 11, 1893
July	24, 1893	Hecker, Frank H	10,926	July 20, 1893
July	24, 1893	Haeusgen, George F	8,990	Oct. 22, 1890
July	25, 1893	Herman, Bernard J	10,037	June 2, 1892
July	25, 1893	Horstmann, Albert D	10,720	June 2, 1893
July	26, 1893	Hagenow, Theo. F	9,133	Jan. 2, 1891
July	28, 1893	Hicks, W. P	10,975	July 28, 1893
July	28, 1893	Haagen, Louis C	9,023	Nov. 8, 1890
July	29, 1893	Habel, E. C	9,079	Nov. 29, 1890
July	29, 1893	Hilby, Joseph E	10,965	July 27, 1893
July	29, 1893	Hughson, James A	10,119	Aug. 10, 1892
July	29, 1892	Heitmeyer, Oscar H	10,985	July 29, 1893
July	29, 1893	Harder, Ulrich	9,657	Aug. 12, 1891
July	31, 1893	Holschen, Joseph J	8,350	Jan. 6, 1890
July	31, 1893	Horwitz, Max R	10,570	April 14, 1893
July	31, 1893	Heyer, Ottmar W	10,994	July 31, 1893
July	31, 1893	Heinrich, Max P	9,702	Jan. 5, 1892
July	31, 1893	Hassebrock, H. F	578	Aug. 11, 1881
Aug.	7, 1893	Heckelmann, John A	3,812	July 12, 1880
Aug.	16, 1893	Hoelke, Henry	8,985	Oct. 21, 1890
Aug.	17, 1893	Haugaard, Peter	10,065	June 20, 1892
Sept.	18, 1893	Houck, F. A	10,532	April 6, 1893
Sept.	27, 1893	Helwig, Henry J	9,022	Nov. 7, 1890
Sept.	29, 1893	Halpin, Thomas	11,054	Sept. 28, 1893
Oct.	11, 1893	Harris, Wm. Ross	11,089	Oct. 10, 1893
Oct.	14, 1893	Hemm, J	3	July 13, 1881
Jan.	23, 1894	Hahn, Charles	11,164	Jan. 8, 1894
Feb.	28, 1894	Hoogen, Franz F. A	8,999	Oct. 27, 1890
May	24, 1894	Henderson, Robert Guy	11,345	May 24, 1894
Feb.	9, 1899	Harris, E. Linwood	12,308	Mar. 31, 1897
April	14, 1898	Heintz, Edward L	12,486	Mar. 31, 1898
Dec.	8, 1888	Hohlt, Ed. F	12,313	Mar. 31, 1897
April	19, 1900	Huhn, Arthur	12,653	Mar. 29, 1899
Feb.	14, 1901	Hedrick, James F., M. D	13,468	Jan. 19, 1901
Oct.	8, 1900	Heine, Rudolph	7,071	Oct. 1, 1888
Oct.	30, 1900	Hicks, James H	13,119	Oct. 10, 1900
Feb.	21, 1901	Hogan, T. D., M. D	13,005	Sept. 22, 1900
Nov.	8, 1902	Howe, Clarence F	14,489	Nov. 8, 1902
Mar.	7, 1903	Heller, John H	15,406	Mar. 7, 1903
July	5, 1893	Ittner, William F	9,154	Jan. 6, 1891
July	24, 1893	Ilg, Theo	8,354	Jan. 6, 1890
July	31, 1893	Impey, W. F	1,036	July 19, 1881
Sept.	27, 1893	Ilch, Otto B	8,356	Jan. 6, 1890
Feb.	6, 1894	Illhardt, Wm. K	9,017	Nov. 6, 1890
June	15, 1897	Ittner, Edward H	12,314	Mar. 31, 1897
Mar.	5, 1898	Jaeger, Ernest C	12,478	Mar. 3, 1898
July	1, 1893	Jungling, F. S	650	Aug. 18, 1881
July	1, 1893	Judge, Charles R	3,761	Jan. 10, 1885
July	5, 1893	Jacobs, George C	8,946	Oct. 7, 1890
July	5, 1893	Jost, Balthaser	675	Aug. 19, 1881
July	17, 1893	Johnson, Carson P	456	Aug. 4, 1881
May	29, 1895	Jeude, Julius John	11,783	April 18, 1895
June	3, 1895	Jones, Wm. Canfield	11,753	April 15, 1895
Sept.	30, 1896	Jones, James A	12,221	Sept. 26, 1896
Jan.	6, 1899	Jones, Joseph Evans	9,254	Feb. 24, 1891
May	25, 1901	Jones, Benj. F., M. D	14,764	May 23, 1901
June	10, 1901	Jacobs, A. C., M. D	15,001	June 7, 1901
Oct.	17, 1902	James, Herman	15,178	Oct. 17, 1902
Nov.	10, 1902	Jost, Louis	15,432	Nov. 10, 1902
July	10, 1902	Kloepper, Henry C. L	15,293	July 10, 1902
Oct.	20, 1902	Klein, Arthur	15,364	Oct. 20, 1902
Jan.	28, 1903	Kepf, Albert R	13,926	Jan. 28, 1903
April	30, 1901	Keating, John J., M. D	14,193	April 29, 1901

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LIST OF PHARMACISTS—*Continued.*

Date of Record.		No. of Cert.	Date of Certificate.	
May	10, 1901	Kleykamp, A. F.	14,486	May 8, 1901
May	15, 1901	Koch, Frederick E.	13,844	April 17, 1901
May	22, 1901	King, John A., M. D.	9,186	Jan. 19, 1891
May	27, 1901	Kohn, Solomon S., M. D.	14,703	May 21, 1901
May	29, 1901	Knichel, Joseph, M. D.	14,482	May 8, 1901
June	6, 1901	Kremar, Victor, M. D.	14,958	June 5, 1901
June	10, 1901	Kern, Sophia Louise, M. D.	14,732	May 23, 1901
June	11, 1901	Kiser, Charles R., M. D.	14,562	June 5, 1901
June	25, 1901	Kellogg, James C.	15,038	June 11, 1901
Oct.	21, 1901	Kurzdorfer, Geo. C., Jr.	14,983	June 3, 1901
Dec.	31, 1901	Karabacek, W. A., M. D.	15,040	June 11, 1901
May	11, 1898	Karsch, George C.	12,489	Mar. 31, 1898
Nov.	9, 1898	Kaye, J. W.	12,599	Oct. 25, 1898
Mar.	3, 1899	Keiffer, S. J.	9,393	April 10, 1891
April	21, 1898	Kriechbaum, H. W.	12,490	Mar. 31, 1898
Jan.	17, 1899	Klie, Constantine M. T.	12,612	Jan. 12, 1899
Sept.	6, 1899	Knighten, J. A.	1,350	Aug. 3, 1881
April	2, 1897	Kleinschmidt, A. A.	12,316	Mar. 31, 1897
Jan.	16, 1897	Klie, Carl G. E.	12,275	Jan. 13, 1897
Aug.	18, 1896	Kohl, W. J.	12,206	July 15, 1896
April	27, 1896	Konzelman, Otto W.	12,142	Mar. 24, 1896
April	27, 1895	Klippel, Hy. A. B.	11,758	April 15, 1895
Dec.	30, 1895	Kincaid, George E.	11,548	Jan. 16, 1895
Jan.	21, 1896	Kelley, E. H.	12,073	Oct. 16, 1895
Feb.	8, 1896	Kopp, Otto H.	11,772	April 17, 1895
Mar.	27, 1896	Kaufmann, A. F.	12,143	Mar. 24, 1896
July	1, 1893	Koch, Julius E.	704	Aug. 20, 1881
July	1, 1893	Klie, G. H. Chas.	10,794	June 24, 1893
July	3, 1893	Knecht, Carl	5,130	June 4, 1887
July	3, 1893	Kuenster, Emile	9,111	Dec. 20, 1890
July	5, 1893	Klie, Edmund	10,631	April 27, 1893
July	5, 1893	Kahre, William F.	9,895	April 5, 1892
July	5, 1893	Koenig, Herman O.	7,050	Jan. 2, 1888
July	6, 1893	Kunkel, David C.	7,067	June 7, 1889
July	10, 1893	Kattelmann, Henry A.	8,347	Jan. 6, 1890
July	10, 1893	Kring, Eugene C.	3,730	Jan. 8, 1884
July	10, 1893	Kring, Gustave.	9,036	Nov. 14, 1890
July	11, 1895	Kruse, Henry J.	10,287	Jan. 11, 1893
July	12, 1893	Kring, Richard.	3,456	Oct. 5, 1885
July	13, 1893	Koetter, Wm. H.	7,112	Sept. 27, 1888
July	18, 1893	Klipstein, Theodore.	408	Aug. 2, 1881
July	19, 1893	Kempff, William.	362	Aug. 1, 1881
July	19, 1893	Koch, Gustavus.	652	Aug. 18, 1881
July	20, 1893	Klinge, George.	10,601	April 21, 1893
July	24, 1893	Kohler, Hugo W.	195	July 23, 1881
July	24, 1893	Krueger, William.	3,711	Dec. 15, 1883
July	24, 1893	Kleinschmidt, A. A.	10,936	July 21, 1893
July	24, 1893	Koberlin, Erwin J.	130	July 20, 1881
July	25, 1893	Keim, Henry.	10,827	June 30, 1893
July	25, 1893	Koeneke, Charles H.	9,048	Nov. 19, 1890
July	25, 1893	Kaltwasser, A. P.	221	July 25, 1881
July	26, 1893	Kauffmann, Louis.	8,362	Jan. 6, 1890
July	26, 1893	Kaut, Philip.	771	Aug. 25, 1881
July	27, 1893	Klocke, Frank W.	8,049	April 1, 1889
July	27, 1893	Kettenbach, Robert P.	3,778	Nov. 23, 1885
July	27, 1893	Kohrumel, W. J. A.	10,945	July 26, 1893
July	28, 1893	Kneedler, H. D.	9,929	April 7, 1892
July	29, 1893	Kroanenberg, Dirk.	281	July 28, 1881
July	29, 1893	Kunz, Herman A.	9,586	July 2, 1891
July	29, 1893	Kuhlmey, W.	145	July 21, 1881
July	29, 1893	Klute, Albert H.	303	Nov. 26, 1881
July	31, 1893	Kohrumel, Edward C.	10,996	July 31, 1893
July	31, 1893	Klug, Julius.	10,995	July 31, 1893
Aug.	1, 1893	Knapp, Louis.	10,998	July 31, 1893
Aug.	3, 1893	Koscielski, Ernst.	9,148	Jan. 6, 1891
Aug.	3, 1893	Kalbfleisch, Henry C.	11,000	Aug. 1, 1893
Oct.	11, 1893	Koch, Albert H.	11,073	Oct. 10, 1893
Oct.	11, 1893	Kroeker, Henry W.	9,665	Aug. 24, 1891
Oct.	16, 1893	Koch, Charles.	11,071	Oct. 10, 1893
Nov.	15, 1893	Koch, Fred W.	11,072	Oct. 10, 1893
April	30, 1894	Kohl, Charles W.	11,317	April 24, 1894
Sept.	7, 1894	Kernan, T. J.	718	Aug. 22, 1881
Dec.	28, 1894	Klostermann, Henry E.	11,166	Jan. 8, 1894
Mar.	18, 1895	Knoch, Max.	11,547	Jan. 16, 1895

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Date of Record.		No. of Cert.	Date of Certificate.	
Sept.	17, 1897 Kalis, Murray	12,315	Mar.	31, 1897
Jan.	15, 1898 Kidd, Albert J	12,425	Oct.	14, 1897
June	15, 1899 Kissel, Barth L	12,704	June	14, 1899
June	19, 1899 Kurka, Joseph F	12,705	June	14, 1899
Mar.	21, 1901 Knapp, Herbert W., M. D	13,385	Dec.	27, 1900
June	22, 1900 Krummenacher, C. E	12,842	June	12, 1900
May	22, 1900 LeBien, Ernest A	12,772	Mar.	23, 1900
Aug.	8, 1900 Lieser, Wm. C	12,773	Mar.	23, 1900
Oct.	12, 1900 Lolar, W. J	13,105	Oct.	10, 1900
April	7, 1900 Lesaulnier, Edward	11,302	April	20, 1894
May	1, 1897 Littlefield, H. A	12,276	Jan.	13, 1897
June	3, 1897 Lueke, Fred W	12,318	Mar.	31, 1897
July	1, 1893 Litchfield, Daniel S	3,102	Mar.	6, 1882
July	1, 1893 Lehmann, Emil H	10,289	Jan.	11, 1893
July	1, 1893 Lohmann, Julius F	331	July	30, 1881
July	3, 1893 Lang, Frederick	6,028	July	11, 1887
July	8, 1893 Luyties, Henry R	4,081	June	19, 1886
July	10, 1893 Ludwig, Andreas S	10,288	Jan.	3, 1893
July	10, 1893 Land, Robert A	6,084	Oct.	3, 1887
July	11, 1893 Luter, Theo. A	10,773	June	19, 1893
July	14, 1893 Lauburg, Otto W	10,663	May	9, 1893
July	20, 1893 Lyda, G. C	8,562	Mar.	20, 1890
July	20, 1893 Ludwig, B. J	6,019	Sept.	27, 1887
July	21, 1893 Layton, Thomas	17	July	14, 1881
July	21, 1893 Layton, Thomas A	9,031	Nov.	12, 1890
July	21, 1893 Layton, F. Emmett	9,045	Nov.	18, 1890
July	24, 1893 Love, C. H	177	July	27, 1881
July	25, 1893 Livingston, Samuel	7,033	Jan.	2, 1888
May	6, 1901 Lanphear, Emory	14,347	May	4, 1901
May	14, 1901 Lloyd, H. Charles	13,753	April	5, 1901
May	24, 1901 Lane, Charles H., M. D	14,547	May	10, 1901
June	10, 1901 Lentz, Nathan, M. D	14,806	May	25, 1901
June	11, 1901 Lewis, Charles, M D	11,625	Mar.	19, 1895
June	14, 1901 Lynam, Henry W	14,864	May	29, 1901
June	17, 1901 Ludwig, H. G., Jr	15,140	June	10, 1901
July	11, 1901 Luke, Frank W	15,129	June	8, 1901
Oct.	3, 1901 Laming, Benj. H., M. D	13,250	Nov.	9, 1900
July	26, 1893 Lehman, Fred R	10,927	July	20, 1893
July	27, 1893 Lips, Charles A	679	Aug.	20, 1881
July	31, 1893 Luecking, Geo. A	10,993	July	31, 1893
July	31, 1893 Liebmann, A. B	10,322	Jan.	26, 1893
Aug.	7, 1893 Lehmann, Louis John	9,394	April	10, 1891
Aug.	7, 1893 Lehmann, Charles	9,529	May	26, 1891
Nov.	28, 1893 Loelkers, Alex. G	11,120	Nov.	17, 1893
April	24, 1894 Luyties, Frederick	11,308	April	20, 1894
Oct.	29, 1894 Leisch, Herbert	8,791	June	20, 1890
Mar.	13, 1895 Larimore, O. C	9,832	Feb.	19, 1892
Oct.	25, 1895 Lindemann, Wm. F	9,881	April	2, 1892
July	11, 1895 Lutz, Edw. F	11,550	Jan.	16, 1895
Mar.	27, 1896 Leffler, Ernst A	12,145	Mar.	24, 1896
Oct.	16, 1896 Lauffer, Thos. P	12,239	Oct.	14, 1896
Jan.	8, 1897 Lower, R. H	3,463	Mar.	26, 1881
June	10, 1898 Lehmann, B	12,456	Jan.	12, 1898
May	8, 1902 Lawrence, W. S	13,733	May	8, 1902
Jan.	5, 1903 Miller, H. L	15,451	Jan.	5, 1903
June	23, 1898 Miller, H. Edward	12,564	Jan.	15, 1898
April	5, 1899 Miller, Jas. A	11,230	Mar.	26, 1894
June	1, 1898 Moeller, Fred. A	12,457	Jan.	12, 1898
May	16, 1896 Marquardt, A. V	12,108	Jan.	13, 1896
Jan.	18, 1897 Merren, C. D	12,241	Oct.	14, 1896
Jan.	5, 1897 Moore, Harry G	12,149	Mar.	24, 1896
Nov.	13, 1896 Morrison, Harry Howard	10,395	Mar.	22, 1893
June	2, 1896 Murmann, Geo. B	12,109	Jan.	13, 1896
Nov.	13, 1895 Merker, Chas. F	11,723	April	12, 1895
Dec.	31, 1895 Mueller, Rudolph	12,076	Oct.	15, 1895
Mar.	28, 1896 Miller, Theo. L	12,148	Mar.	24, 1896
Mar.	30, 1896 Mager, J. A	12,146	Mar.	24, 1896
April	20, 1895 McCall, Green D	11,800	April	20, 1895
April	22, 1895 McIlwain, Chas. Ed	11,681	April	10, 1895
April	30, 1895 McAfee, Clifton A	11,825	April	25, 1895
July	1, 1893 Mynders, Arnold H	9,016	Nov.	6, 1890
July	1, 1893 Menkhaus, J. Bernard	8,194	Oct.	7, 1889
July	1, 1893 Meyers, P	3,104	Mar.	6, 1882
July	3, 1893 Mueller, Charles	7,093	Mar.	21, 1889

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LIST OF PHARMACISTS—*Continued.*

Date of Record.		No. of Cert.	Date of Certificate.
July 3, 1893	Meyers, William	10,292	Jan. 11, 1893
July 5, 1893	Motz, Fred J.	10,802	June 27, 1893
July 5, 1893	Moxter, Ernst D.	290	July 28, 1881
July 5, 1893	Merz, Louis	7,095	April 5, 1889
July 5, 1893	Muller, Ambrose	8,590	April 7, 1890
July 10, 1893	Muelhelm, Charles	9,712	Oct. 6, 1891
July 13, 1893	May, Charles C.	9,015	Nov. 6, 1890
July 14, 1893	Marten, E. R.	228	July 25, 1881
July 14, 1893	Meyer, Fred C.	7,077	Jan. 7, 1889
July 17, 1893	Morgner, K.	903	Sept. 27, 1881
July 21, 1893	Macdonald, C. E. S.	105	July 20, 1881
July 21, 1893	Mengel, Charles E.	9,146	Jan. 6, 1891
July 21, 1893	Miller, Robert F.	10,648	May 4, 1893
July 24, 1893	Massot, Joseph W.	608	Aug. 15, 1881
July 24, 1893	Medler, Edward A.	9,145	Jan. 6, 1891
July 24, 1893	Motz, William H.	9,578	July 2, 1891
July 25, 1893	Mueller, Vincent	4,045	April 5, 1886
July 25, 1893	Milne, Charles	10,953	July 25, 1893
July 25, 1893	Meyer, Fred J.	10,938	July 21, 1893
July 28, 1893	Menestrina, F.	3,623	Sept. 4, 1882
July 28, 1893	Meyers, Joseph E.	4,362	Sept. 7, 1884
July 28, 1893	Methudy, Jos. P.	8,996	Oct. 25, 1890
July 28, 1893	Meredith, C. A.	10,577	April 15, 1893
July 29, 1893	Miller, Wm. Leland	10,108	July 27, 1892
Aug. 22, 1893	Medlin, P. A.	125	July 20, 1881
Aug. 29, 1893	Manderbach, Cyrus L.	10,029	May 27, 1892
Sept. 11, 1893	Mastbrook, Alex.	11,015	Aug. 18, 1893
Sept. 21, 1893	Macdonald, Allan D.	8,045	April 1, 1889
Sept. 25, 1893	May, Edward J.	10,709	June 23, 1893
Sept. 27, 1893	Meinig, Gustav C.	10,740	June 28, 1893
Nov. 10, 1893	Mueller, George	10,599	April 20, 1893
Dec. 26, 1893	Martinis, E. L.	10,290	Jan. 11, 1893
Feb. 19, 1894	Marmaduke, F. V.	10,184	Oct. 4, 1892
Dec. 29, 1894	Mobbs, F. J.	11,169	Jan. 8, 1894
July 25, 1893	McMinn, John C.	7,078	Jan. 7, 1898
July 28, 1893	McBride, John C.	10,667	May 10, 1893
Sept. 15, 1893	McAuliffe, F. T.	11,038	Sept. 9, 1893
Oct. 26, 1893	McBride, Redmond W.	11,102	Oct. 26, 1893
May 26, 1894	McFarland, John D.	8,037	April 1, 1889
Sept. 17, 1894	McWilliams, Robert	11,309	Aug. 20, 1894
May 27, 1901	Merwin, Geo., M. D.	14,765	May 23, 1901
May 28, 1901	Meyer, J. S., M. D.	14,687	May 17, 1901
June 3, 1901	Marks, Adolph L., M. D.	14,827	May 28, 1901
June 6, 1901	Muller, John J., M. D.	13,931	April 29, 1901
June 10, 1901	Menges, Geo. W., M. D.	14,974	June 7, 1901
June 11, 1901	Miller, A. J., M. D.	15,008	June 7, 1901
June 11, 1901	McKinney, Guy L., M. D.	15,005	June 7, 1901
June 13, 1901	Morey, Oris L., M. D.	14,938	June 4, 1901
June 15, 1901	Meyer, Oscar D.	15,142	June 10, 1901
June 15, 1901	Modan, J. Adolphus	12,657	Mar. 29, 1899
June 26, 1901	Mueller, Frank M.	15,130	June 8, 1901
July 9, 1901	Marx, Ella, M. D.	15,194	June 14, 1901
Oct. 17, 1901	Muller, Julius A., M. D.	14,676	May 20, 1901
Sept. 21, 1894	McCormick, Robt. L.	7,061	Oct. 1, 1888
Sept. 20, 1899	Mason, Charles M.	10,920	July 18, 1893
Oct. 16, 1900	Magruder, Clyde H.	12,775	Mar. 23, 1900
April 16, 1900	Muehling, John P.	12,781	Mar. 23, 1900
May 22, 1900	Neves, George	12,784	Mar. 23, 1900
Nov. 8, 1899	Nitschman, R. M.	12,658	May 29, 1899
July 1, 1893	Niemeyer, Charles A.	10,186	Oct. 4, 1892
July 1, 1893	Newland, Edward H.	7,119	June 25, 1888
July 3, 1893	Nort, Van H.	8,889	Aug. 21, 1890
July 6, 1893	Nau, Charles	9,634	July 27, 1891
July 6, 1893	Nay, Albert	235	July 25, 1881
July 14, 1893	Neu, Fred Will	8,842	Aug. 1, 1890
July 21, 1893	Nienstedt, W. H.	3,753	July 7, 1884
July 28, 1893	Nitschmann, L.	10,543	April 6, 1893
July 28, 1893	Nitschmann, E. J.	5,048	April 7, 1887
Aug. 2, 1893	Niemann, Bernhardt	11,001	Aug. 1, 1893
Feb. 1, 1897	Nally, John J.	12,242	Oct. 14, 1896
Aug. 3, 1893	Nake, Paul M.	919	Oct. 3, 1881
Feb. 2, 1894	Newburger, Arthur C.	11,170	Jan. 8, 1894
June 30, 1894	Noll, Martin J.	11,348	May 28, 1894
Feb. 19, 1896	Netherton, Sam'l Oliver	11,843	April 29, 1895

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LIST OF PHARMACISTS—*Continued.*

Date of Record.		No. of Cert.	Date of Certificate.	
Sept. 7, 1898	Niemann, Phillip	12,495	Mar. 31, 1898	
June 14, 1901	Nash, James B., M. D	13,845	April 17, 1901	
June 14, 1901	Neefer, Frederick M., M. D	13,997	April 20, 1901	
Aug. 14, 1901	Nelson, Wm. L., M. D	14,488	May 8, 1901	
Jan. 3, 1902	Nidelet, J. C., M. D	15,127	June 15, 1901	
Jan. 3, 1902	Nidelet, S. L., M. D	15,224	June 15, 1901	
July 5, 1893	Overstreet, Robt. D	1,012	July 18, 1882	
July 7, 1893	Ochsner, C. P	237	July 26, 1881	
July 10, 1893	Oldham, George, Jr	535	Aug. 8, 1881	
July 12, 1893	Ochsner, C. Wm	10,858	July 11, 1893	
July 19, 1893	Osborne, Gus H	10,194	Oct. 12, 1892	
July 31, 1893	Otto, Bernhard J	6,039	July 5, 1887	
Aug. 15, 1893	Ottofy, Law. M	8,506	Mar. 1, 1890	
Oct. 20, 1893	Olendorf, William	11,074	Oct. 10, 1893	
Jan. 17, 1895	Owen, Wm. C	11,532	Jan. 17, 1895	
Mar. 29, 1901	Ostberg, Nils W	13,398	Mar. 28, 1901	
Oct. 25, 1900	Pembroke, W. K	13,109	Oct. 10, 1900	
April 18, 1900	Pippert, Nicholas J	12,785	Mar. 23, 1900	
Dec. 24, 1900	Pfeffer, W. J	13,128	Oct. 10, 1900	
Nov. 8, 1900	Polliham, Geo. B	13,129	Oct. 10, 1900	
July 1, 1893	Pfunder, John A	7,000	Nov. 17, 1887	
July 1, 1893	Parker, J. J	9,067	Nov. 24, 1890	
July 1, 1893	Pockels, H	86	July 19, 1881	
July 3, 1893	Pohle, Adolph	187	July 22, 1881	
July 3, 1893	Proctor, J. S	446	Aug. 3, 1891	
July 7, 1893	Pauley, F. C	144	July 21, 1881	
July 11, 1893	Peters, W. L	10,293	Jan. 11, 1893	
July 12, 1893	Peterson, Albert W	10,294	Jan. 11, 1893	
July 14, 1893	Poole, C. W	3,346	Oct. 7, 1884	
July 17, 1893	Philibert, L. D	34	July 16, 1881	
July 24, 1893	Phillips, Henry F	8,886	Aug. 20, 1890	
July 24, 1893	Penney, Charles G	9,138	Jan. 6, 1891	
July 25, 1893	Pirner, E. M	10,923	July 20, 1893	
July 27, 1893	Polsten, Geo. W	9,612	July 8, 1891	
July 27, 1893	Paulus, George C	9,147	Jan. 6, 1891	
July 27, 1893	Pickett, Sam Lee	9,042	Nov. 18, 1890	
July 28, 1893	Peabody, Wm. L	8,073	April 1, 1889	
July 29, 1893	Passler, Reinhold	10,980	July 28, 1893	
Oct. 16, 1893	Pilkington, W. P	11,076	Oct. 10, 1893	
Oct. 16, 1893	Perkins, Benj	8,808	July 1, 1890	
Jan. 24, 1894	Paul, Arthur W	11,172	Jan. 8, 1894	
April 20, 1894	Pauley, Fred C	11,300	April 20, 1894	
Dec. 11, 1894	Prewitt, Sam'l Wash	11,507	Dec. 11, 1894	
Jan. 4, 1895	Poignee, Frank P	4,065	July 5, 1886	
Jan. 17, 1895	Pauley, Alfred	11,551	Jan. 16, 1895	
Jan. 19, 1895	Peeler, James W	11,291	April 16, 1894	
April 20, 1895	Perkins, Philip M	11,799	April 29, 1895	
April 16, 1895	Plumpe, Bernard H	11,759	April 15, 1895	
Sept. 19, 1895	Perry, James Edward	11,672	April 6, 1895	
Jan. 31, 1896	Poppitz, Theo. J	12,114	Jan. 13, 1896	
Oct. 15, 1896	Prinz, Herman	12,243	Oct. 14, 1896	
Aug. 9, 1897	Puchta, Aug. A	12,324	Mar. 31, 1897	
Jan. 18, 1899	Pieper, Henry	12,621	Jan. 12, 1899	
May 12, 1888	Peterson, Chas. H	8,982	Oct. 21, 1890	
Oct. 24, 1900	Pressor, Otto	7,032	July 2, 1888	
June 1, 1901	Petit, J. C., M. D	3,068	Dec. 22, 1881	
June 10, 1901	Perry, Wm. L., M. D	14,920	June 1, 1901	
Aug. 15, 1901	Parker, Fred P	10,515	April 5, 1893	
May 26, 1902	Padberg, L. R	13,023	May 26, 1902	
June 13, 1901	Quisenberry, Bruce W	12,660	Mar. 29, 1899	
April 10, 1900	Ringwald, Albert E	12,787	Mar. 23, 1900	
Jan. 15, 1898	Raithel, C. H. T	12,459	Jan. 12, 1898	
Feb. 2, 1898	Rodemich, W. P	12,460	Jan. 12, 1898	
Jan. 14, 1898	Runde, John H	12,462	Jan. 12, 1898	
Sept. 16, 1896	Reilly, Robt. C	9,140	Jan. 6, 1891	
July 1, 1893	Riecker, Ernst	96	July 19, 1881	
July 1, 1893	Rueckersfeldt, V. R. Leo	273	July 27, 1881	
July 1, 1893	Raband, E. F	365	Aug. 1, 1881	
July 1, 1893	Renkert, L. W. O	3,345	Oct. 7, 1884	
July 1, 1893	Riedel, Theo. J	9,605	July 7, 1891	
July 1, 1893	Roepper, Francis A	7,106	Aug. 30, 1888	
July 3, 1893	Robertson, Elmer J	9,714	Oct. 6, 1891	
July 5, 1893	Reel, William C	9,427	April 13, 1891	
July 5, 1883	Roth, Adam B	429	Aug. 3, 1881	

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Date of Record.		No. of Cert.	Date of Certificate.
July 6, 1893	Roepke, Louis	543	Aug. 9, 1881
July 13, 1893	Raboteau, John	460	Aug. 4, 1881
July 18, 1893	Runde, F. W	10,187	Oct. 4, 1892
July 19, 1893	Roller, H. P	9,004	Oct. 30, 1890
July 19, 1893	Rottenhagen, Adolph G	3,658	April 6, 1893
July 20, 1893	Rohlfing, Henry T	132	July 21, 1881
July 22, 1893	Reber, George	397	Aug. 2, 1881
July 24, 1893	Rader, John M	10,653	May 4, 1893
July 25, 1893	Reid, James A	10,952	July 25, 1893
July 25, 1893	Reisse, Edward	9,797	Jan. 5, 1892
July 25, 1893	Renner, Charles F	6,016	Oct. 13, 1887
July 25, 1893	Reber, Louis F	361	Aug. 1, 1881
July 26, 1893	Riley, Russell	10,806	June 27, 1893
July 26, 1893	Ruesch, Chas. F	6,023	Aug. 26, 1887
July 26, 1893	Richter, Edw. C. L	9,006	Oct. 31, 1890
July 27, 1893	Rehfeldt, Charles	9,144	Jan. 6, 1891
July 27, 1893	Royston, J. L	204	July 23, 1881
July 27, 1893	Riemann, John	10,140	Aug. 24, 1892
July 28, 1893	Remme, H. J	10,970	July 27, 1893
July 29, 1893	Rohlfing, W. C	10,824	July 20, 1893
July 31, 1893	Randall, Sterling P	10,399	Mar. 7, 1893
July 31, 1893	Reber, V. B. S	360	Aug. 1, 1881
July 31, 1893	Rowe, Sam'l B	1,746	Aug. 15, 1881
July 31, 1893	Roesch, Hermann	709	Aug. 22, 1881
Aug. 2, 1893	Rohlfing, C. G	212	July 23, 1881
Aug. 7, 1893	Ruppaner, H. S	9,143	Jan. 6, 1891
Sept. 14, 1893	Reinhart, Geo. J	11,042	Sept. 14, 1893
Nov. 13, 1893	Rall, August C	527	Aug. 6, 1881
Jan. 9, 1894	Rosenbach, C. W	946	Oct. 31, 1881
Jan. 11, 1894	Raithel, G. H	11,173	Jan. 8, 1894
Jan. 10, 1894	Ruge, O. C	8,953	Oct. 7, 1890
Jan. 31, 1895	Riggsbee, Lee	11,552	Jan. 16, 1895
Oct. 25, 1895	Ruyle, Henry Jerome	11,893	Mar. 18, 1895
Jan. 21, 1896	Runge, Theo	12,117	Jan. 13, 1896
Mar. 7, 1896	Roth, Charles, S	11,374	July 9, 1894
April 22, 1895	Rohm, Henry C	11,788	April 19, 1895
Sept. 26, 1900	Robinson, Francis C., M. D	9,301	Mar. 20, 1891
Jan. 28, 1901	Rohlfing, L. C	13,465	Jan. 18, 1901
May 9, 1901	Rothman, Paul M., M. D	14,476	May 8, 1901
May 23, 1901	Rolling, Fred W	11,245	April 4, 1901
May 24, 1901	Rotter, Chas. F., M. D	14,763	May 23, 1901
June 1, 1901	Rothstein, H., M. D	14,766	May 23, 1901
June 3, 1901	Rice, Geo. H., M. D	14,705	May 21, 1901
June 13, 1901	Russell, C. M. Libby	14,562	May 13, 1901
May 22, 1901	Schiermann, John H., M. D	10,024	May 24, 1902
May 23, 1901	Sneed, A. L., M. D	14,548	May 20, 1901
May 27, 1901	Scholz, P. C	2,420	Mar. 26, 1881
May 31, 1901	Shay, E. A., M. D	14,860	May 29, 1901
June 4, 1901	Schreiner, J. G., M. D	14,798	May 25, 1901
June 11, 1901	Sheffield, Albert J., M. D	10,461	Mar. 30, 1893
June 12, 1901	Schmidt, John, M. D	14,850	May 29, 1901
June 14, 1901	Schmidt, Aug., M. D	10,510	April 5, 1893
June 14, 1901	Schisler, E. J., M. D	12,894	Sept. 20, 1901
June 14, 1901	Spain, Katie C., M. D	14,863	May 29, 1901
June 15, 1901	Schoenig, A. R	15,144	June 10, 1901
June 15, 1901	Starkloff, Max C., M. D	15,104	June 12, 1901
July 3, 1901	Schattinger, L., M. D	14,973	June 7, 1901
Sept. 3, 1901	Stokes, Rufus M	13,941	May 20, 1901
June 4, 1901	Santer, Edward, M. D	13,188	Oct. 23, 1900
Feb. 21, 1901	Schuchat, W. S., M. D	13,003	Sept. 22, 1900
April 24, 1900	Servant, R. S	9,618	July 12, 1891
Mar. 27, 1901	Smith, Henry D	13,669	Mar 25, 1901
Feb. 21, 1901	Sutcliffe, J. S., M. D	13,004	Sept 22, 1900
Mar. 26, 1901	Stafford, Sam'l P	13,641	Mar. 15, 1901
April 27, 1895	Scheele, M. H., M. D	8,900	Sept. 2, 1890
May 9, 1895	Schulz, Carl	11,554	Jan. 16, 1895
June 20, 1895	Simon, J. H. L	12,030	June 19, 1895
July 2, 1895	Steinmetz, F. R. Beno	11,535	Jan. 2, 1895
July 12, 1895	Stieber, Richard	11,553	Jan. 16, 1895
Aug. 6, 1895	Stiehl, A. W	12,050	July 10, 1895
Aug. 31, 1895	Scherzinger, Joseph H	11,757	April 15, 1895
Jan. 21, 1896	Stoffer, Arth. C	12,124	Jan. 13, 1896
Jan. 21, 1896	Schlenker, Laur. H	12,121	Jan. 13, 1896
Jan. 30, 1896	Schwaunberger, Franz	11,540	Jan. 15, 1895

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LIST OF PHARMACISTS—*Continued*.

Date of Record.		No. of Cert.	Date of Certificate.
Feb. 29, 1896	Spork, Henry D	12,118	Jan. 13, 1896
Mar. 12, 1896	Skaer, John	11,647	Mar. 29, 1895
Mar. 27, 1896	Soellner, A. M	12,154	Mar. 24, 1896
Mar. 28, 1896	Sommers, Geo. H	12,120	Jan. 13, 1896
April 8, 1896	Stiehl, Geo. W	12,122	Jan. 13, 1896
April 9, 1896	Simon, F. C	12,138	Mar. 24, 1896
July 1, 1893	Sennewald, F. C	3,650	April 3, 1883
July 1, 1893	Sennewald, F. W	513	Aug. 6, 1881
July 1, 1893	Sennewald, Emile A	68	July 18, 1881
July 1, 1893	Schrumpf, Arthur	9,014	Nov. 6, 1890
July 1, 1893	Saenger, Benjamin	3,784	Jan. 7, 1886
July 1, 1893	Standing, William	9,161	Jan. 9, 1891
July 1, 1893	Schlueter, Robert E	8,948	Oct. 7, 1890
July 1, 1893	Shreve, J. F	10,126	Aug. 13, 1892
July 1, 1893	Smith, C. W	7,099	July 3, 1888
July 1, 1893	Strite, John R	7,058	Oct. 1, 1888
July 1, 1893	Scheel, Gus. H	3,775	July 29, 1885
July 3, 1893	Schoenthaler, John P	3,633	Dec. 12, 1882
July 5, 1893	Schober, E. F	60	July 18, 1881
July 5, 1893	Stole, Charles H	770	Aug. 24, 1881
July 6, 1893	Semsrott, William	8,979	Oct. 20, 1890
July 6, 1893	Schroeder, C	10,851	July 7, 1893
July 7, 1893	Sippy, Alvin H	5,039	Mar. 21, 1887
July 10, 1893	Sauer, Charles G	21	July 15, 1881
July 11, 1893	Seidlitz, Charles F	669	Aug. 12, 1881
July 11, 1893	Smith, William Addison	3,756	Sept. 22, 1884
July 11, 1893	Stark, Harry	9,581	July 2, 1891
July 13, 1893	Sasse, Edward W	10,750	June 10, 1893
July 13, 1893	Seidlitz, Geo. C. F	8,007	Sept. 23, 1889
July 13, 1893	Scholz, Phillip	3,706	Oct. 1, 1883
July 13, 1893	Schettler, William P	10,739	June 8, 1893
July 14, 1893	Smith, Orrick E	7,039	Jan. 2, 1896
July 15, 1893	Shcolnik, Harris	10,887	July 12, 1893
July 15, 1893	Spilker, H. F. A	931	Oct. 10, 1881
July 17, 1893	Sum, Francis	89	July 19, 1881
July 17, 1893	Stussel, Herman H	9,010	Nov. 3, 1890
July 17, 1893	Schmalmaack, F. W	10,820	June 29, 1893
July 19, 1893	Smith, Axel C	9,335	Mar. 26, 1891
July 20, 1893	Sohn, Frank	577	Aug. 11, 1881
July 20, 1893	Seitz, Chas. F. W	9,799	Jan. 5, 1892
July 20, 1893	Schroeter, George H	10,932	July 20, 1893
July 21, 1893	Schuh, Edward B	3,331	Sept. 23, 1884
July 21, 1893	Sassmann, R	755	Aug. 25, 1881
July 22, 1893	Schaefer, Christoph	10,940	July 22, 1893
July 24, 1893	Schaefer, Henry G	7,063	Jan. 7, 1889
July 24, 1893	Smith, Geo. W	9,807	Jan. 11, 1892
July 24, 1893	Scheer, William H	10,903	April 21, 1893
July 24, 1893	Sieving, Gus W	10,942	July 22, 1893
July 24, 1893	Sante, Hermann A	10,703	May 27, 1893
July 24, 1893	Sante, August H	10,043	June 8, 1892
July 25, 1893	Stegner, Emil	4,096	Oct. 4, 1886
July 25, 1893	Schwenker, Edward A	9,337	Mar. 26, 1891
July 26, 1893	Schneider, John	9,047	Nov. 19, 1890
July 26, 1893	Seitz, Lorenz A	10,629	April 26, 1893
July 26, 1893	Schreier, Louis	7,059	Jan. 7, 1889
July 26, 1893	Semsrott, Ernest Louis	10,013	May 19, 1892
July 27, 1893	Schnietz, Edward	9,715	Oct. 6, 1891
July 27, 1893	Snuggs, Stephen G	7,036	July 2, 1888
July 27, 1893	Smith, J. W	8,458	Mar. 1, 1890
July 27, 1893	Schoettle, J. F. L	10,968	July 27, 1893
July 28, 1893	Sheahan, M. J	777	Aug. 25, 1881
July 28, 1893	Specht, Theo. H	2,243	July 29, 1881
July 28, 1893	Stoerner, Charles G	8,197	Oct. 7, 1889
July 31, 1893	Schurk, Louis	628	Aug. 16, 1881
July 31, 1893	Swift, Fred H	10,979	July 29, 1893
Aug. 1, 1893	Smith, U. S	10,296	Jan. 11, 1893
Aug. 1, 1894	Schulte, Arthur H	10,999	Aug. 1, 1893
Aug. 1, 1893	Stelzleni, Alexander	8,555	Mar. 28, 1890
Aug. 2, 1893	Smith, William T	10,838	July 3, 1893
Aug. 3, 1893	Streuther, Charles E. F	9,717	Oct. 6, 1891
Aug. 7, 1893	Sewing, John H	816	Sept. 10, 1881
Aug. 9, 1893	Schreier, Charles A	667	Aug. 19, 1881
Aug. 18, 1893	Schrader, Charles	10,774	June 19, 1893
Aug. 28, 1893	Saenger, N	11,023	Aug. 25, 1893

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LIST OF PHARMACISTS—*Continued*.

Date of Record.		No. of Cert.	Date of Certificate.
Aug. 30, 1893	Saxenmeyer, Herm	3,651	April 3, 1883
Oct. 11, 1893	Stockhausen, Chas. W	11,080	Oct. 10, 1893
Oct. 12, 1893	Swinnen, L. C	11,081	Oct. 10, 1893
Feb. 27, 1894	Strub, O. B	11,178	Jan. 8, 1894
April 14, 1894	Silverstone, H. E	11,271	April 11, 1894
Oct. 19, 1894	Smith, John Steward	11,414	Sept. 8, 1894
Oct. 30, 1894	Schneider, Max I	7,080	Jan. 7, 1889
Nov. 9, 1894	Sanders, Benj	11,429	Oct. 8, 1894
Mar. 18, 1895	Stephens, Thos. B	2,719	Aug. 15, 1881
Feb. 18, 1897	Shaul, Dell W	12,282	Jan. 13, 1897
Mar. 31, 1897	Staub, Geo. M	12,334	Mar. 31, 1897
July 23, 1897	Sassmann, Otto	12,326	Mar. 31, 1897
Sept. 7, 1897	Scheu, Adolph R	12,152	Mar. 24, 1896
April 30, 1897	Schulherr, Isidor A	12,327	Mar. 31, 1897
Jan. 17, 1898	Stiegemayer, Harry	12,463	Jan. 12, 1898
Dec. 8, 1898	Schroeter, Louis J	12,328	Mar. 31, 1897
July 28, 1902	Schultz, F. B	8,770	July 28, 1902
Oct. 23, 1902	Shutt, C. H	15,354	Oct. 23, 1902
Nov. 13, 1902	Schen, George M	15,433	Nov. 13, 1902
Nov. 28, 1902	Strunk, F. W	15,421	Nov. 28, 1902
Jan. 18, 1899	Street, C. M	12,624	Jan. 12, 1899
Mar. 12, 1900	Schweickhardt, Richard N	818	Sept. 10, 1881
Mar. 16, 1900	Tamm, George J	12,743	Jan. 9, 1900
June 16, 1897	Taylor, B. H	12,247	Oct. 14, 1896
April 22, 1897	Thebus, Robt	12,283	Jan. 13, 1897
April 24, 1896	Thumser, J. C	12,125	Jan. 13, 1896
July 5, 1893	Tamm, Adolph	9,378	April 10, 1891
July 6, 1893	Thornton, Wesley W	9,009	Nov. 1, 1890
July 12, 1893	Tomfohrde, J. W	161	July 22, 1881
July 12, 1893	Tomfohrde, Chas. W	568	Aug. 10, 1881
July 14, 1893	Thierauf, Henry	128	July 20, 1881
July 17, 1893	Temm, William D	3,772	July 18, 1885
July 18, 1893	Tritschler, Henry J	7,027	Jan. 2, 1888
July 19, 1893	Temm, Joseph A	415	Aug. 2, 1881
July 19, 1893	Treutler, Aban	241	July 26, 1881
July 21, 1893	Treutler, Oscar E	10,981	July 20, 1893
July 21, 1893	Temm, Alex J	526	Aug. 6, 1881
July 22, 1893	Tschirner, Max	10,622	April 25, 1893
July 25, 1893	Traubel, Otto F	8,989	Oct. 23, 1890
July 27, 1893	Temm, H. H	414	Aug. 2, 1881
July 27, 1893	Temm, H. H. Louis N	9,719	Oct. 6, 1891
July 28, 1893	Temm, Joseph H	8,341	Jan. 6, 1890
July 28, 1893	Thompson, J. E	9,271	Mar. 4, 1891
July 29, 1893	Thiesen, Henry G	7,043	Jan. 2, 1888
July 31, 1893	Tubbesing, G. H	119	July 20, 1881
Sept. 8, 1893	Trettermann, Frank	136	July 21, 1881
Dec. 26, 1893	Tillery, Jesse S	10,447	Mar. 29, 1893
Jan. 12, 1894	Trittermann, Ernst	11,082	Oct. 10, 1893
April 23, 1894	Tritschler, Chas. Wm	11,304	April 19, 1894
June 14, 1895	Trigg, Francis A	11,973	June 14, 1895
Jan. 4, 1901	Thurman, E. J	13,313	Nov. 30, 1900
June 14, 1901	Tate, P. S., M. D	14,481	May 8, 1901
April 18, 1901	Underwood, John B	13,839	April 17, 1901
July 3, 1893	Uhlich, F. A	294	July 29, 1881
July 3, 1893	Uhlich, Ferdinand G	62	July 18, 1881
July 3, 1893	Ude, Otto	3,736	Mar. 17, 1884
July 8, 1893	Ude, George	197	July 23, 1881
Mar. 23, 1894	Urquhart, W. H. A	11,228	Mar. 19, 1894
July 5, 1893	Vordick, August H	10,719	June 1, 1893
July 5, 1893	Vitt, Rudolph S	10,297	Jan. 11, 1893
July 10, 1893	Van Ness, C. O	10,050	June 9, 1892
July 19, 1893	Vogt, Henry H	61	July 18, 1881
July 19, 1893	Vogt, F. B	79	July 18, 1881
July 24, 1893	Voepel, Edward H	7,075	Jan. 7, 1889
July 24, 1893	Vollberg, Robert	143	July 21, 1881
Dec. 26, 1893	Van Zant, Christ	176	Mar. 26, 1881
Jan. 10, 1895	Voisin, John	11,513	Dec. 14, 1894
Oct. 18, 1895	Vogelsang, August	12,081	Oct. 16, 1895
Oct. 6, 1896	Van Allen, Thos	3,377	Jan. 5, 1885
April 8, 1897	Van Nort, E. C., Jr	12,284	Jan. 13, 1897
Aug. 10, 1896	Van Sickle, W. Wade	12,158	Mar. 24, 1896
Jan. 14, 1897	Vogt, C. A	12,287	Jan. 13, 1897
Oct. 16, 1896	Voiss, Arcadius	12,248	Oct. 14, 1896
April 29, 1901	Volkers, Guido A	14,149	April 27, 1901

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LIST OF PHARMACISTS—*Continued*.

Date of Record.		No. of Cert.	Date of Certificate.
June 15, 1901	Voerster, Engelbert	15,064	June 11, 1901
June 15, 1901	Voerster, Engelbert, Jr	15,063	June 11, 1901
April 11, 1901	Whittelsy, Granville C	13,748	April 5, 1901
May 14, 1901	Wagganer, Wm. F	14,475	May 8, 1901
June 3, 1901	Westaver, Jno. Edw., M. D	14,760	May 23, 1901
June 14, 1901	Westbrook, Geo. W	13,996	April 20, 1901
June 25, 1901	Wolfer, Mary E., M. D	15,187	June 14, 1901
Aug. 12, 1901	Wright, Geo. D	13,938	May 13, 1901
Aug. 14, 1901	Whittier, Olin D	15,126	June 12, 1901
Oct. 22, 1896	Wangelin, Fred C	12,250	Oct. 14, 1896
Oct. 16, 1896	Westendorf, Bernard	12,251	Oct. 14, 1896
May 17, 1895	Wright, Chas. Howard	11,847	April 30, 1895
May 26, 1896	Winkelman, H. F	12,159	Mar. 24, 1896
June 6, 1899	Wolf, Henry A	12,499	Mar. 31, 1898
Mar. 29, 1900	Wright, D. P	12,797	Mar. 23, 1900
April 1, 1896	Willet, Val F	12,160	Mar. 24, 1896
July 1, 1893	Weinsberg, Julius	5,072	April 4, 1887
July 1, 1893	Winkel, H. A	3,337	Oct. 7, 1884
July 1, 1893	Weiner, Joseph	1,219	July 29, 1881
July 6, 1893	Waller, George	9,355	April 1, 1891
July 6, 1893	Waldeck, W. C	9,005	Oct. 31, 1890
July 10, 1893	Winkelman, E. A	9,800	Jan. 5, 1892
July 12, 1893	Werner, Frank	10,867	July 11, 1893
July 13, 1893	Wehrenbrecht, William	9,724	Oct. 6, 1891
July 18, 1893	Whitcomb, Fred E	6,026	July 29, 1887
July 18, 1893	Wilbur, Thos. S	7,110	Oct. 8, 1888
July 19, 1893	White, James H	9,736	Oct. 24, 1891
July 20, 1893	Weinsberg, George	803	Sept. 1, 1881
July 24, 1893	Williams, Fred G	512	Oct. 4, 1886
July 24, 1893	Witt, Charles	10,239	Jan. 11, 1896
July 24, 1893	Woehrlin, G. A	10,892	July 12, 1893
July 24, 1893	Waterhouse, E. R	8,760	June 5, 1890
July 26, 1893	Wilson, Chas. F	9,830	Feb. 13, 1892
July 26, 1893	Weible, Harvey L	9,722	Oct. 6, 1891
July 26, 1893	Wetteroth, Louis C	9,723	Oct. 6, 1891
July 26, 1893	Westmann, F. H	745	Aug. 24, 1881
July 27, 1893	Wagner, George	78	July 18, 1881
July 27, 1893	Wilson, George W	514	Aug. 6, 1881
July 27, 1893	Weipert, John A	9,351	Mar. 31, 1891
April 10, 1899	Weber, Peter J., Jr	12,666	Mar. 29, 1899
July 27, 1893	Wittmann, Alfred G	10,617	April 24, 1893
July 28, 1893	Westmann, J. W	10,179	Sept. 28, 1892
July 29, 1893	Wolff, Edward H	10,977	July 29, 1893
July 29, 1893	Wehrheim, R. H	10,984	July 29, 1893
Aug. 2, 1893	Weeke, Paul H. F	11,002	Aug. 1, 1893
Sept. 1, 1893	Weller, John T	1,973	Aug. 26, 1881
Jan. 12, 1894	Wright, O. L	11,083	Oct. 10, 1893
Nov. 8, 1894	Watkins, James A		Oct. 15, 1888
Nov. 26, 1894	Wetterer, Herm. Ludwig	11,456	Nov. 22, 1894
April 8, 1898	Walker, William J	12,500	Mar. 31, 1898
June 23, 1897	Whelpley, F. L	12,127	Jan. 13, 1896
Mar. 23, 1901	Wainwright, A. G., M. D	13,628	Mar. 13, 1901
May 15, 1900	Weibel, Edward G	12,729	Oct. 10, 1899
Jan. 30, 1901	Wilburn, Allie B., M. D	13,480	Jan. 28, 1901
May 8, 1900	Wilson, Scott, H	12,802	April 12, 1900
July 11, 1893	Young, Hiram W	10,189	Oct. 4, 1892
July 13, 1893	Young, Theo. M	9,980	April 1, 1892
July 7, 1893	Zahm, Charles H	10,848	July 5, 1893
July 11, 1893	Zinn, C	3,295	April 8, 1884
Mar. 28, 1896	Zenk, Ben. F	12,161	Mar. 14, 1896
June 11, 1901	Zwarts, John H	13,699	Mar. 30, 1901

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LIST OF PHARMACISTS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH AN ACT OF THE GENERAL ASSEMBLY, APPROVED MARCH 31, 1893, SINCE MY LAST REPORT.

Date of Record.		No. of Cert.	Date of Certificate.
March 31, 1904	Ashby, Chas. T.	15598	Nov. 17, 1903
June 15, 1903	Baeser, John C.	15526	May 1, 1903
July 7, 1903	Cockrell, E. P.	13875	Apr. 10, 1901
Aug. 5, 1903	Dyer, David A.	8187	Nov 5, 1899
May 8, 1903	French, Henry C.	15483	Apr. 16, 1903
July 29, 1903	Grote, Oscar A.	15291	Oct. 21, 1901
Oct. 13, 1903	Grosby, H. G.	14876	May 29, 1901
Sept. 23, 1903	Hailstorks, B. F.	15579	Sept. 19, 1903
Feb. 10, 1904	Harrell, Herbert D.	15680	Jan. 20, 1904
Nov. 12, 1904	Jansen, Henry N.	15511	Apr. 27, 1903
Sept. 21, 1903	Kennedy, Andrew F.	13959	Apr. 17, 1901
Nov. 11, 1903	Mansfield, Price A.	15586	Oct. 12, 1903
Nov. 4, 1903	Nitzman, Oscar F.	15590	Oct. 12, 1903
May 5, 1903	Philbert, Leon A.	15514	Apr. 27, 1903
May 21, 1903	Rea, Barton A.	15528	May 6, 1903
April 14, 1903	Sense, Frank W.	15481	Oct. 20, 1902
Dec. 19, 1903	Smith, George W.	11499	Dec. 4, 1894
Jan. 21, 1904	Smith, Jacob E.	15628	Jan. 11, 1904
Aug. 20, 1903	Thomas, Wm. S.	9965	Apr. 23, 1892
Sept. 21, 1903	Upshaw, H. A.	15239	June 15, 1901
Sept. 22, 1903	Upshaw, T. J.	15238	June 15, 1901
Aug. 13, 1903	Werremeyer, Aug. F.	15509	Apr. 27, 1903

LIST OF OSTEOPATHS WHO HAVE REGISTERED IN THIS OFFICE IN COMPLIANCE WITH AN ACT OF THE GENERAL ASSEMBLY, APPROVED MARCH 4, 1897.

Date of Record.		Date of Diploma.
Sept. 6, 1901	Allabach, Louise B.	Jan. 31, 1901
Sept. 6, 1901	Allabach, L. D.	Jan. 31, 1901
Oct. 19, 1901	Armstrong, Mary E.	June 27, 1901
Oct. 21, 1901	Armstrong, George B.	June 27, 1901
Mar. 24, 1902	Bailey, Marcellus W.	Dec. 1, 1902
Aug. 24, 1901	Blaney, Mary L.	June 27, 1901
Oct. 24, 1899	Bailey, Homer E.	Mar. 21, 1898
July 28, 1902	Bagley, Louise M	June 26, 1902
Sept. 20, 1902	Berry, Albert E	June 6, 1902
Dec. 11, 1902	Braden, Alfred E.	June 27, 1902
Mar. 25, 1901	Beckham, James J.	June 29, 1899
July 19, 1900	Chappell, Minerva K.	Jan. 31, 1900
Oct. 8, 1900	Connor, Herschel Lee	Feb. 1, 1899
Mar. 7, 1902	Cluett, Therese	Jan. 31, 1901
Mar. 7, 1902	Cluett, Francis C.	Jan. 31, 1901
Oct. 24, 1902	Carstarphen, Edgar F.	Feb. 1, 1899
Jan. 10, 1903	Callaway, A. Newell	Jan. 29, 1903
July 31, 1903	Clark, Marion E.	Jan. 29, 1903
Sept. 24, 1903	Crenshaw, John H.	June 29, 1899
July 14, 1903	Crowley, Forrest G.	June 25, 1903
Aug. 28, 1903	Dorrance, Julia K.	June 25, 1903
July 6, 1903	Evans, Genevieve V.	June 26, 1902
Feb. 14, 1903	Englehart, Wm. F	Jan. 29, 1903
April 7, 1903	Eckert, George J.	Feb. 1, 1899
Feb. 23, 1899	Eckert, Wm. Hy	Feb. 1, 1899
July 5, 1901	Edwards, Alfred	June 27, 1901
Mar. 10, 1902	France de Josephine	Jan. 31, 1901
Mar. 15, 1900	Foncanon, Mayme H.	June 29, 1897
Jan. 11, 1901	Goetz, Herman F.	Dec. 31, 1898
Nov. 7, 1900	Hall, Amos K.	June 1, 1897
Mar. 7, 1901	Hayes, Ella V.	Sept. 10, 1900
Oct. 22, 1898	Hannah, Belle F.	Sept. 30, 1897
Oct. 22, 1898	Hannah, Frank W.	June 30, 1897
Jan. 23, 1900	Harris, Maurice B.	July 30, 1898
Nov. 3, 1898	Hildreth, Arthur G.	June 22, 1897

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LIST OF OSTEOPATHS—*Continued.*

Date of Record.		Date of Diploma.
Oct. 18, 1898	Hunt, Ella A	Sept. 30, 1897
Oct. 14, 1902	Hayward, J. D	June 26, 1900
June 2, 1903	Henry, Frederick C	June 26, 1902
Feb. 4, 1901	Ingraham, Eliz. Mary	Jan. 31, 1901
Oct. 12, 1899	Jones, Thomas D	June 29, 1899
Mar. 25, 1903	Kennedy, Ralph V	Jan. 30, 1903
Nov. 15, 1902	King, Alfred Byron	Jan. 31, 1900
Oct. 7, 1901	Leitch, Alma Baker	Jan. 31, 1901
Sept. 29, 1902	Ludden, Raymond	June 26, 1900
Dec. 4, 1900	McFall, Frances	June 22, 1897
Nov. 18, 1902	Mason, Lee O	June 27, 1901
June 20, 1902	Mansfield, Thos. B	Oct. 27, 1898
Oct. 21, 1901	Niehaus, Anna M	June 27, 1901
Feb. 15, 1899	Notestine, Florence A	Feb. 1, 1899
Aug. 28, 1903	Nevins, Zeula A	June 25, 1903
Mar. 25, 1903	Osborn, Edgar L	Jan. 30, 1903
Feb. 24, 1903	Parrish, Earl V	Jan. 29, 1903
Oct. 29, 1902	Stone, Joe Clark	Jan. 30, 1903
July 18, 1901	Stephens, Mortimer L	Feb. 1, 1899
Oct. 17, 1898	Sippy, Alvin H	Sept. 30, 1897
Sept. 13, 1899	Smith, Ernest P	June 22, 1897
Feb. 5, 1900	Still, Herman T	June 22, 1897
Feb. 5, 1901	Schaub, Minnie	Jan. 31, 1901
Dec. 4, 1900	Still, Harry M	June 22, 1897
June 11, 1903	Stauffer, Lloyd S	June 26, 1902
May 26, 1903	Wait, William O	June 29, 1899
May 6, 1903	Wyckoff, Jennie	June 26, 1902
Aug. 2, 1900	Wilkin, Thomas J	June 28, 1900
Jan. 12, 1901	Wirt, Jerome D	June 30, 1898
Oct. 27, 1902	White, Wm. H	June 29, 1899
Nov. 25, 1902	Wilson, Elizabeth V	Jan. 31, 1901

I am pleased to be able to inform you that the revenue of the City has been largely increased through the careful management of the metallic license plates issued by this office. Not one metallic duplicate, or counterfeit license plate, has been discovered in this City during the past three years.

The cost of the printing and binding for the several departments has been reduced to the minimum. The amount of work has increased and done promptly and satisfactorily.

I would respectfully recommend, that the old record of the City prior to the adoption of the Charter in 1876, which I have had transferred in 1902 from the basement of the Court House, where they were rotting, to the Register's Sub-Office, be properly filed and indexed. This can be done at little cost, and as several of the above mentioned records are of great value to the City of St. Louis, it should not be neglected but done immediately.

Respectfully submitted,

PATRICK R. FITZGIBBON,

City Register.

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TREASURER'S ANNUAL REPORT

——OF——

RECEIPTS AND DISBURSEMENTS

——OF THE——

CITY OF ST. LOUIS,

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

JAMES M. FRANCISCUS, JR.,
TREASURER.

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TREASURER'S ANNUAL REPORT

——OF——

RECEIPTS AND DISBURSEMENTS

——OF THE——

CITY OF ST. LOUIS

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

City Treasurer's Office, City Hall.
St. Louis, June 1, 1904.

Hon. Rolla Wells, Mayor of the City of St. Louis:

Sir—In compliance with the Charter of the City of St. Louis, I have the honor to herewith submit the report of this Department for the year ending April 11, 1904.

RECEIPTS.

April 13th. 1903—Balance at end of last Fiscal Year			$ 6,292,593 62
Assessor and Collector of Water Rates	$ 1,707,573 75		
Collector of Revenue	7,994,677 80		
Recorder of Deeds	54,279 10		
Marshal	50,971 25		
Inspector of Weights and Measures	10,941 75		
Inspector of Boilers and Elevators	14,560 00		
Health Commissioner	27,310 09		
Clerk of the Board of Health	1,276 00		
Comptroller	187,786 25		
Commissioner of Public Buildings	18,416 50		
Commissioner of Supplies	40,766 07		
Clerk of the Circuit Court	22,034 43		
" " Probate Court	528 00		
" " Circuit Court Criminal Causes	48 50		
" " Court of Criminal Correction	9,686 13		
" " First District Police Court	41 00		
" " First District Justice's Court	,219 45		
" " Second District Justice's Court	53 15		
" " Third District Justice's Court	14 00		
" " Fourth District Justice's Court	16 20		
" " Fourt Dist. No. 2 Justice's Court	161 60		
" " Fifth District Justice's Court	41 50		
" " Fifth Dist. No. 2 Justice's Court	31 00		
" " Sixth District Justice's Court	296 20		
" " Seventh District Justice's Court	97 30		
" " Eighth District Justice's Court	42 20		
" " Ninth District Justice's Court	43 25		
Constable of the First District Justice's Court	3,983 59		
" " Second Dist. Justice's Court	2,933 24		
" " Third District Justice's Court	3,079 62		
" " Fourth District Justice's Court	2,010 53		
" " 4th Dist. No. 2 Justice's Court	4,521 73		
" " Fifth District Justice's Court	4,488 97		
" " 5th Dist. No. 2 Justice's Court	6,140 29		
" " Sixth District Justice's Court	3,704 84		
" " Seventh District Justice's Court	5,038 81		
" " Eighth District Justice's Court	5,147 09		
" " Ninth District Justice's Court	3,542 23		

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Coroner	$ 422 49	
Factory Inspector	3,023 00	
House of Refuge Bakery	9,826 34	
Jailer	5 50	
License Collector	791,759 55	
Miscellaneous Accounts	282,314 67	
Park Commissioner	516 00	
Pay Rolls Surrendered	6,233 73	
Register	174 20	
Bridge Scales	1,163 20	
City Market Scales	1,352 25	
South Levee Scales	28 40	
Soulard Market Scales	540 70	
South St. Louis Scales	127 00	
Thorpe Scales	32 00	
Sheriff	1,988 16	
State of Missouri	133,878 17	
State University Scholarship Fund	255 50	
Workhouse Superintendent	8,756 30	
Contract and other Deposits	278,266 59	$ 11,707,167 16
		$ 17,999,759 78

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DISBURSEMENTS.

Alteration and Reconstruction of Engine House, Ord. 21,071 and 21,144	$ 22,888 84
Assessment of Revenue	70,644 35
Assessor and Collector of Water Rates	64,773 86
Board of Engineers and Boiler Inspectors	11,606 81
Board of Health and Commissioner	118,535 52
Board of Public Improvements--Pr. D	57,613 36
Catching and Killing Dogs	4,364 25
City Chemist—Salaries and Current Expenses, Ordinance 20,829	400 23
City Dispensary	55,045 08
City Hall—Repairs and Alterations	1,514 34
City Treasurer's note, Issue of 1873	4 00
City Treasurer's warrant, prior to 1870	3 00
City Hall—Salaries, etc.	790 00
City Hospital	119,045 20
Clarifying and Purifying Water Supply	74,200 59
Cleaning Levee and Removing Obstructions	10,899 87
Commissioner of Public Buildings	31,426 46
Commissioner of Supplies	18,056 17
Comparing Sprinkling Special Tax Bills, Ordinance 21,192	365 00
Concerts in Public Parks	5,786 00
Construction of Hospital Building at Poor House, Ordinance 20,692	41,126 89
Construction of Electric Light Plant at Insane Asylum, Ordinance 20,838	11,093 68
Construction of Electric Light Plant at New City Hall, Ordinance 20,837	29,081 05
Contingent Fund	37,429 57
Contract and other Deposits	193,124 13
Coroner	22,260 49
Costs and Legal Exp.	39,073 65
Court House—Repairs and Alterations	15,752 94
Court House—Salaries, etc	8,813 92
Courts	262,232 78
Election and Registration	122,538 08
Emergency Hospital	49,312 35
Emergency Hospital—Erection Fire Escapes, Ordinance 21,218	1,119 00
Emergency Hospital Heating System, Ord. 21,342	4,632 25
Equipping Engine House, World's Fair, Ord. 21,353	1,764 00
Erection of New City Hall, Ord. 15,558	25,307 43
Erection of New City Hospital, Ord. 20,162	90,561 25
Erection of Electric Plant at Water Works, Ordinance 20,207	29,723 92
Erection Elevator at New City Hall, Ord. 20,828	11,360 37
Erection of New Building, Poor House, Ord. 21,227	45 97
Erection of Engine House, Ord. 21,327	5,500 00
Erection of Engine House, Ord. 21,320	6,000 00
Female Hospital	60 639 17
Factory Inspection Department	5,612 50
Fire Alarm Telegraph	68,415 05
Fire Department	778,525 33
Firemen's Pension Fund	9,215 30
Four Courts Building—Repairs and Alterations	3,398 48
Four Courts Building—Salaries, etc	13,801 91
Fund for Numbering Houses	1,827 25
Garbage Hauling Plant, Ord. 21,420	51,092 00
Garbage Investigating Commission	2,400 00
Harbor and Wharf—Salaries and Current Expenses	12,921 29
Harbor and Wharf—Special Fund	479 55
Harbor Boat	19,768 70
House of Refuge	54,534 27
House of Refuge Bakery	9,869 07
Insane Asylum	126,270 93
Improvement and Alteration Four Courts, Ord. 20,834	957 96
Improvement Concourse Drive at Forest Park	2,490 80
Installation of Boilers at Insane Asylum, Ord. 20,777	139 00
Inspector of Weights and Measures	8,197 09
Insurance	6,314 80
Interest	932,060 18
Jail	41,242 06
Judgments	66,983 47
Jury and Witness Fees	56,999 80
Jury Commissioner	19,630 91
Kingshighway Boulevard Com., Ord. 20,760	680 25
Law Department	20 110 68
License Commissioner	36,764 72
Lighting Public Buildings	74,325 66
Lighting Streets, Alleys, Parks and Public Places	548,550 15
Making Back Tax Books and Bills	3,000 00

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Markets				$	7,252 21
Marshal's Office					28,534 56
Mayor's Contingent Fund					10,000 00
Morgue					4,508 59
Municipal Assembly					38,170 53
New City Hall—Salaries and Current Expenses					26,428 22
New City Hall—Repairs and Alterations					10,451 46
New City Hall—Furnishings					1,394 57
Office Expenses, Mayor, etc.					4,012 90
Opening Streets, Expenses					7,580 61
Opening Alley, Block	3690	Ordinance	19,799		5 00
" " "	3311	"	20,945		597 40
" " "	2486	"	21,051		859 16
" " "	4576	"	18,693		75 00
" " "	2955	"	20,674		24 71
" " "	2953	"	20,718		101 00
" " "	3829	"	20,592		654 15
" " "	3644B	"	20,497		37 50
" " "	4057	"	20,590		80 00
" " "	4914	"	19,584		15 00
" " "	3778	"	21,052		1,432 12
" " "	3805	"	19,862		475 00
" " "	3796	"	19,583		12 50
" " "	3716	"	20,431		43 75
" " "	3792	"	19,369		20 00
" " "	3919E	"	21,169		554 00
" " "	3785	"	18,360		42 00
" " "	3793	"	19,370		66 10
" " "	2472	"	20,672		2 00
" " "	3798	"	19,371		16 05
" " "	3797	"	19,414		15 90
" " "	3794	"	19,529		32 50
" " "	4522	"	19,405		50 00
" " "	4530	"	20,224		40 00
" " "	4913	"	19,373		30 00
" " "	3762	"	17,366		30 00
" " "	4531	"	19,416		100 00
" " "	4525	"	19,415		420 00
" " "	4877A	"	21,319		1,090 90
" " "	1517	"	20,586		70 00
" " "	1453	"	20,049		168 50
" " "	2967	"	20,944		180 00
" " "	2992B	"	21,350		547 50
" " "	3795	"	19,687		25 00
" " "	3618	"	20,470		52 50
" " "	3775	"	21,148		2,904 50
Widening Alley "	4925	"	20,496		34 75
Widening Alley "	821N	"	20,057		27 00
Opening Donovan Ave.		"	20,059		3,125 00
" Tamm Ave.....		"	20,946		427 00
" Tamm Ave.....		"	21,146		12,194 80
" Seventh St.....		"	20,612		722 00
" Ninth St.		"	20,675		950 00
" Sullivan Ave....		"	20,347		1,037 00
" Columbia Ave...		"	20,651		947 50
" Gimblin St.		"	21,147		4,174 50
" Fyler Ave.....		"	20,498		169 25
" North Market...		"	18,490		48 00
Widening Kingshighway		"	21,050		14,614 35
" St. Louis Av..		"	20,467		623 50
" Ashland Ave..		"	18,597		305 00
" Broadway		"	20,487		847 00
" Broadway		"	20,404		70 00
Park Commissioner					9,992 23
Pay Roll Account—Special Fund					2,805 98
Benton Park					2,660 21
Carondelet Park					8,282 77
Carr Square					3,205 70
Forest Park					51,834 00
Forest Park Boulevard					111 87
Fountain Park					1,403 37
Gamble Place					844 29
Gravois Park					1,029 38
Hyde Park					2,519 73
Jackson Place					1,293 97
Kenrick Garden					754 07
Laclede Park					958 04
Lafayette Park					5,749 10
Lyon Park					1,619 17
O'Fallon Park					10 141 45
St. Louis Place					5,079 08
South St. Louis Square					803 97
Tower Grove Park					25,000 00
Washington Square					4,241 62

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Plumbing Inspection Department	$ 13,520 67	
Police, Salaries of Chief, etc.	1,378,634 24	
Police, all other Salaries and Current Expenses	188,306 38	
Police Patrol Wagon System	4,800 00	
Poor House	140,114 50	
Poor House Bakery	24,009 02	
Printing and Stationery, for Mayor, etc.	25,947 78	
Purchase of Emergency Hospital, Ordinance 21,171 and 21,216	44,666 65	
Purchase of Engine House, Ord. 21,229	35,000 00	
Purchase of Engine House, Ord. 21,230	53,000 00	
Public Library	179,868 62	
Quarantine and Small-Pox Hospital	23,095 85	
Real Estate	3,287 65	
Recorder of Deeds	50,719 34	
Reconstructing Drinking Fountain, Ord. 20,819	600 00	
Reconstructing Streets, Ord. 20,879	218 00	
Redemption of Bonds	191,090 00	
Reduction of Garbage	86,666 64	
Relief of Wm. Desmond, Ord. 19,716	971 30	
Rock Springs Sewer, Ord. 20,779	25,000 00	
Removal of Garbage	84,800 00	
Repairs of Dykes, etc.	15,604 80	
Repairing Laundry Building at Insane Asylum, Ordinance 21,130	477 40	
Retained Percentage	3,132 31	
Salaries, for Mayor, etc.	85,082 49	
Salaries, for Deputy Sheriffs, "strike 1900"	4,412 31	
Scales	3,537 38	
Scavenger Dumps—Construction, etc.	2,915 72	
Scavenger Dumps—Salaries, etc.	6,655 68	
Sewers Contract	141,338 75	
Sewers Public	26,671 21	
Sewers, Salaries, etc.	136,035 73	
Smoke Abatement Department	7,414 00	
Special Tax, Ord. 21,066	384 00	
Special Tax, Ord. 20,890	176 78	
Special Tax, Ord. 20,843	1,471 00	
Special Tax, Ord. 20,851	1,142 24	
Special Tax, Ord. 21,056	403 67	
Special Tax, Ord. 20,624	557 75	
Special Tax, Ord. 20,778	30,000 00	
Special Tax, Ord. 20,881	185 00	
Special Tax. Ord. 20,782	37 00	
Special Tax, Ord. 20,546	2,000 00	
Special Tax, Ord. 20,854	529 61	
Sprinkling Plug System, Ord. 20,870	9,647 28	
Sprinkling Streets	190,104 20	
Street Bridges and Culverts Contract	12,668 36	
Street Bridges and Culverts, Miscellaneous and Repairs	50,445 72	
Street Cleaning—Block System	98,177 40	
Street Cleaning—Floating Dumps	9,838 93	
Street Cleaning—Labor and Carts	268,354 50	
Street Cleaning—Stone and Wood Block, etc.	170,544 61	
Street Commissioner's Department	54,013 31	
Street Grades and Surveys	9,987 42	
Street Repairs—Macadam and other material	162,232 75	
Street Repairs—Miscellaneous Expenses	83,479 95	
Street Repairs—Reconstructed Streets	98,351 89	
Street Repairs—Salaries	22,291 60	
Streets, Special Service	106,428 96	
Temporary Deposits to pay Special Tax Bills	1,203 84	
Unclaimed Allowances on Estates	41 53	
Water Meter, Ord. 20,869	14,808 75	
Water Pipe Contract Account	247,413 40	
Water Works	597,167 55	
Water Works Costs and Legal Expenses	2,323 97	
Water Works, Extension, Ord. 20,774	14,328 67	
Water Works Extension, Ord. 19,630 and 21,198	122,122 56	
Water Works Extension, Ord. 19,004 and 20,046	999 02	
Water Works Extension, Ord. 20,397	9,000 00	
Water Works Reconstruction, Ord. 18,994	33,611 01	
Water Works Reconstruction, Ord. 20,392	14,721 31	
Water Works Reconstruction, Ord. 20,655	2,276 98	
Water Works Extension—Salaries and Expenses	19,005 89	
Witness and other Fees—Special Fund	104 40	
Witness and other Fees—Special Fund, Criminal Cases	21,880 35	
Work House	61,715 22	$ 10,576,563 82

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FINANCIAL EXHIBIT.

Balance end of Fiscal Year April 13, 1903	$ 6,292,592 62	
Receipts during year ending April 11, 1904	11,707,167 16	
Total		$ 17,999,759 78
Disbursements for year ending April 11, 1904		10,576,563 82
Balance April 11, 1904		$ 7,423,195 96
Viz:—		
In Checks	$ 18,483 05	
In Jury Warrants	3,124 00	
In Bank Notes	6,486 00	
In Specie	2,016 07	
In American Exchange Bank	500,000 00	
In Fourth National Bank	500,000 00	
In Mechanics National Bank	500,000 00	
In Lafayette Bank	500,000 00	
In German American Bank	500,000 00	
In Franklin Bank	500,000 00	
In Merchants Laclede National Bank	500,000 00	
In State National Bank	500,000 00	
In Boatmen's Bank	500,000 00	
In Third National Bank	500,000 00	
In National Bank of Commerce	500,000 00	
In Third Nat'l Bank—Special	300,000 00	
In Boatmen's Bank—Special	300,000 00	
In German American Bank—Special	300,000 00	
In Lafayette Bank—Special	300,000 00	
In Fourth National Bank—Special	300,000 00	
In National Bank of Commerce	299,815 52	
In Clearing House	93,271 32	
	$ 7,423,195 96	$ 7,423,195 96
Interest on Cur. Dep. at Banks during fiscal year at 3%, or		$187,786 25
Interest on Cur. Dep. at Banks year ending April 8, 1901, at 2.63%, or		92,023 38
Balance close of Fiscal Year ending April 11, 1904		$ 7,423,195 96
Balance close of Fiscal Year ending April 13, 1903		6,292,592 62
Increase of Balance in Treasury		$ 1,130,603 34
Add to above 197 $1,000 3¼ World's Fair Bonds, redeemed at 97c and canceled, which amount has been charged off in statement		191,090 00
Actual increase over previous year		$ 1,321,693 34
This makes 377 $1,000 World's Fair Bonds redeemed in last two fiscal years ending April 13, 1903, and April 11, 1904, for		$ 367,490 00

All of which is respectfully submitted.

JAS. M. FRANCISCUS, JR.,

City Treasurer.

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ANNUAL REPORT

——OF THE——

LICENSE COLLECTOR

——FOR THE——

FISCAL YEAR ENDING APRIL 11, 1904.

P. J. CLIFFORD, License Collector.

Saint Louis, April 11, 1904.

Honorable Rolla Wells, Mayor of the City of Saint Louis:

Dear Sir: I have the honor to submit herewith the annual report covering the collections made by this department of the fiscal year ending April 11, 1904, showing the gross amount of licenses issued for the year to be $1,202,706.86, being an increase over the preceding year of $138,737.76, the increase being divided as follows:

Increase for the City	$	69,409 50
Increase for the State and School		69,328 26
Total Increase	$	138,737 76

The total expenses for the year were $35,968.37, being an increase of $240.15 over the preceding year.

The amount appropriated to cover the expenses of this department for the past fiscal year was $36,720.00, this leaves the amount unused and paid back to the City Treasury $751.63.

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Gross amount of City licenses issued by this department for the fiscal year ending April 11, 1904:

Merchants	$	303,028 20
Manufacturers		228,639 10
Vehicles		85,197 00
Bicycles		3,452 00
Dogs		21,739 00
Banks		4,850 00
Real Estate		7,081 25
Peddlers and Hawkers		18,724 75
Insurance		17,400 00
Restaurants		12,460 00
Photographers		2,456 25
Merchandise Brokers		8,825 00
Commission Merchants		18,163 00
Hotels		5,080 50
Pawnbrokers		9,000 00
Junk Wagons		2,780 00
Fortune Tellers		6,500 00
Mercantile Agents		1,800 00
Auctioneers		4,564 50
R. R. Ticket Brokers		775 00
Junk Shops		2,750 00
City Weighers		100 00
Theatres and Exhibitions		4,088 75
Sale Stables		737 50
Intelligence Offices		4,650 00
Bond and Stock Brokers		5,320 50
Billiards		5,056 00
Hotel Runners		660 00
Shooting Galleries		306 25
Engravers		230 00
Milk		1,870 00
Milk Registration		2,095 00
Garbage Wagons		760 00
Bill Posters		80 00
Flying Horses		180 00
Lumber Measurers		60 00
Vault Cleaners		300 00
Total for 1904	$	791,759 55
Total for 1903		722,350 05
Increase for 1904	$	69,409 50

Gross amount of State and School Licenses issued by this Department for the fiscal year ending April 11, 1904:

Merchants' State Tax	$	52,696 28
Manufacturers' State Tax		52,485 73
Merchants' School Tax		146,238 40
Manufacturers' School Tax		145,768 90
State Auctioneers		1,220 00
State Financial Agents		7,000 00
State Billiard and Pool		5,540 00
Total for 1904	$	410,947 31
Total for 1903		341,619 05
Increase 1904	$	69,328 26

RECAPITULATION.

Amount of City Licenses issued for the fiscal year ending April 11th, 1904	$	791,759 55
Amount of State and School Licenses issued for the fiscal year ending April 11th, 1904		410,947 31
Total	$	1,202,706 86
Amount of City Licenses issued for the fiscal year ending April 13th, 1903	$	722,350 05
Amount of State and School Licenses issued for the fiscal year ending April 13th, 1903		341,619 05
Total	$	1,063,969 10
Total gain for the fiscal year ending April 11th, 1904, over 1903	$	138,737 76

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Recapitulation covering collections made for account of State, School and City from all sources:

Merchants	$	501,962 88
Manufacturers		426,891 73
Vehicles		85,197 00
Bicycles		3,452 00
Dogs		21,739 00
Banks		4,850 00
Real Estate		7,081 25
Peddlers and Hawkers		18,724 75
Insurance		17,400 00
Restaurants		12,460 00
Photographers		2,456 25
Merchandise Brokers		8,825 00
Commission Merchants		18,163 00
Hotels		5,080 50
Pawnbrokers		9,000 00
Junk Wagons		2,780 00
Fortune Tellers		6,500 00
Mercantile Agents		1,800 00
Auctioneers		5,784 50
R. R. Ticket Brokers		775 00
Junk Shops		2,750 00
City Weighers		100 00
Theatres and Exhibitions		4,088 75
Sale Stables		737 50
Intelligence Offices		4,650 00
Bond and Stock Brokers		12,320 50
Billiards		10,596 00
Hotel Runners		660 00
Shooting Galleries		306 25
Engravers		230 00
Milk		1,870 00
Milk Registration		2,095 00
Garbage Wagons		760 00
Bill Posters		80 00
Flying Horses		180 00
Lumber Measurers		60 00
Vault Cleaners		300 00
Total	$	1,202,706 86

EXPENSES.

For salaries of Collector, Deputies, Clerks, Inspectors and Board of License Revision	$	32,619 96
For office expenses, Furniture, Advertising, Stationery, Horses, Vehicles and Witness Fees		3,348 41
Total	$	35,968 37
Expenses for fiscal year ending April 11th, 1904	$	35,968 37
Expenses for fiscal year ending April 13th, 1903		35,728 22
Increase in expenses for fiscal year ending April 11th, 1904	$	240 15

As the law covering the licensing of street cars was changed since the last fiscal year, and as the street car companies have failed to comply with the requirements of the new law, no licenses have been collected from this source. The amount so collected last year was $24,750.00.

The work of this Department has been very materially aided by the co-operation of the Police Department, for which I desire to express my thanks.

Respectfully submitted,
P. J. CLIFFORD,
License Collector.

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TWENTY-SEVENTH ANNUAL REPORT

—OF THE—

LAW DEPARTMENT

—OF THE—

CITY OF ST. LOUIS,

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

Honorable Rolla Wells, Mayor of the City of Saint Louis:

Sir: I have the honor to transmit to you the twenty-seventh annual report of the Law Department of the City of St. Louis, for the fiscal year ending April 11, 1904.

One hundred and twenty-five written opinions have been rendered during this fiscal year upon request of various officials and departments.

In addition to the written opinions given, this Department has been constantly called upon for conferences and oral advice, and a member thereof is required to serve on several Boards; the Department also examines as to the legal form all bonds and contracts in which the city is interested.

Annexed hereto and made a part hereof is a statement of all the cases pending and finally disposed of during the fiscal year just closed.

The annexed list of cases finally disposed of during the year include those of all kinds and character for and against the city, as well as those in which money judgments were demanded as those in which other relief was prayed for. Of the total number thus finally disposed of seventy-six were cases praying for money judgments against the city, the amounts demanded therein aggregating three hundred and fifty-three thousand five hundred and thirty-nine and 70-100 dollars; the amounts recovered thereon aggregating six thousand four hundred and eighty-five and 78-100 dollars, or a little less than two per cent. of the amount sued for.

Respectfully,
CHAS. W. BATES,
City Counselor.

COURT.	NO. OF CASES.	NO. WON.	NO. LOST.	NO. DISMISSED.	NO. DISPOSED OF.	NO. PENDING AT CLOSE OF FISCAL YEAR.
U. S. Supreme	3	.....	.....	.....	.....	3
U. S. Circuit	1	.....	.....	.....	.....	1
Supreme Court of Missouri	76	30	8	4	42	34
St. Louis Circuit Court	131	38	6	20	64	67
St. Louis Circuit Special Tax	40	.....	.....	.....	21	19
St. Louis Circuit Street Openings	48	.....	.....	.....	7	41
St. Charles Circuit	2	.....	.....	.....	.....	2
St. Louis County Circuit	1	.....	.....	.....	.....	1
Bankrupt	2	2	.....	.....	.....	.....
Justice of the Peace	10	2	.....	8	10	.....
	314	72	22	24	144	168

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SUPREME COURT OF THE UNITED STATES.

State of Missouri, Complainant, vs. State of Illinois and Sanitary District of Chicago, Defendant. This is an original proceeding to enjoin defendants from polluting the water of the Mississippi River. Trial of this cause before the special commission appointed to take testimony is still progressing under the direction of the Attorney General.

Schefe vs. City of St. Louis. Action by the city against Schefe for establishing a dairy contrary to the city ordinances. Pending on writ of error to the Supreme Court of Missouri to review a judgment in favor of the city. Briefs prepared.

Fischer vs. City of St. Louis. Same cause of action and same proceedings as Schefe case, supra. This cause and the last one above have been argued and submitted.

UNITED STATES CIRCUIT COURT.

Eastern District of Missouri.

Michael Dolan vs. Municipal Engineering and Contracting Company et al. $4,400 damages for injuries sustained by bank falling on him in trench on Goodfellow avenue between Ridge and Wells. Removed from State Court to Federal Court on April 4.

SUPREME COURT OF MISSOURI.

City of St. Louis vs. Lewis C. Nelson et al. An action to ascertain the damages and benefits for changing grade of Twenty-first street and other streets. Appeal of defendant Reinhardt from judgment assessing damages was dismissed by him.

Anna Fehlhauer vs. City et al. Action for $5,000 damages for personal injury caused by falling through an open cellar door at 425 South Second street. Judgment for all defendants in lower court was on November 25, 1903, affirmed.

Lena Haller vs. City. $10,000 damages for personal injuries caused by being thrown from a buggy near Broadway and Morin avenue by horse being frightened by steam roller. Judgment of lower court in favor of defendant was affirmed May 27, 1903.

Charles Gulath vs. City of St. Louis. Action for $2,000 damages, caused by the overflow of Mill Creek Sewer. Argued and submitted and the judgment in lower court in favor of plaintiff was reversed on November 24, 1903.

John B. Hogan vs. City of St. Louis. Injunction to restrain the city from carrying out lighting contract with the Kern Incandescent Gas Light Company, and to declare bond given by said company void. On May 23, 1901, there was a judgment for defendant on demurrer. On June 30, 1903, the judgment of the lower court in favor of city was affirmed.

Luther Babcock vs. Wm. H. Hahn, Recorder of Deeds. Injunction to restrain Recorder of Deeds from moving to new City Hall. On October 19, 1900, there was a judgment for defendant on demurrer. Plaintiff declined to plead further. Appealed to Supreme Court. Brief prepared, argued and submitted before Supreme Court. On May 27, 1903, the judgment of lower court sustaining the demurrer of the city was affirmed.

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State ex rel Gieselman vs. Hawes. Mandamus to compel relators to draw warrant upon City of St. Louis for $2,060.95, amount of back salary claimed to be due. The judgment of lower court in favor of plaintiff was affirmed on June 30, 1903, but prior thereto the cause was settled for $2,000, in full, while motion for rehearing was pending.

State ex rel Coleman vs. Hawes et al. Mandamus to compel relators to draw warrant upon the City of St. Louis for $794.32, amount of back salary claimed to be due. On June 30, 1903, the judgment of lower court in favor of defendant was affirmed. Writ quashed in Supreme Court.

State ex rel Kennedy vs. Hawes et al. Mandamus (two counts) to compel relators to draw warrant upon the City of St. Louis for $4,680.40, amount of back salary claimed to be due. Writ quashed in Supreme Court.

State ex rel Gutgesell vs. Hawes et al. Mandamus (eight counts) to compel relators to draw warrant upon the City of St. Louis for $17,451.42, amount of salary claimed to be due. June 30, 1903, the judgment in lower court in favor of plaintiff was reversed and writ quashed in Supreme Court.

State ex rel McCarthy vs. Hawes et al. Same action (five counts) as previous case. Amount sued for $14,568.78. Writ quashed in Supreme Court.

State ex rel Rothenbucher vs. Hawes et al. Same action (two counts) as previous case. Amount sued for $2,673.91. Writ quashed in Supreme Court.

State ex rel Keller vs. Hawes et al. Same action as previous case. Amount sued for $2,083.68. Writ quashed in Supreme Court.

State ex rel Chase vs. Hawes et al. Same action as previous case. Amount of peremptory writ $2,666.67. Writ quashed in Supreme Court.

State ex rel Bruce vs. Hawes et al. Same action is previous case. Amount sued for $645.67. Writ quashed in Supreme Court.

State ex rel Wray vs. Hawes et al. Same action as previous case. Amount sued for $550.00. Writ quashed in Supreme Court.

State ex rel Laber vs. Hawes et al. Similar action (six counts) as previous case. Aggregate amount sued for $5,367.58. Writ quashed in Supreme Court.

State ex rel Young vs. Hawes et al. Same action as previous case. Amount sued for $975.00. Writ quashed in Supreme Court.

State ex rel. Eckard vs. Hawes et al. Same action as above. Writ denied in lower court and on June 30, 1903, the judgment was affirmed. Amount sued for $1,918.28.

State ex rel Nace vs. Hawes et al. Same action as above. Amount sued for $1,916.66. Writ quashed in Supreme Court.

State ex rel Rife vs. Hawes et al. Same action (ten counts) as above. Amount sued for $21,610.24. Writ quashed in Supreme Court.

State ex rel Miller vs. Hawes et al. Same action (two counts) as above. Amount sued for $3,567.91. Writ quashed in Supreme Court.

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State ex rel Huebler vs. Hawes et al. Same action (twenty-four counts) as above. Amount sued for $47,087.37. Writ quashed in Supreme Court.

State ex rel Manger vs. Hawes et al. Same action as above. Amount sued for $2,038.78. Writ quashed in Supreme Court.

State ex rel Moore vs. Hawes et al. Same action (eight counts) as above. Amount sued for $26,226.79. Writ quashed in Supreme Court.

State ex rel Heaven vs. Hawes et al. Same action (two counts) as above. Amount sued for $2,727.80. Writ quashed in Supreme Court.

State ex rel Gottwald vs. Hawes et al. Same action as above (seven counts). Amount sued for $8,757.80. Writ quashed in Supreme Court.

Cordelia Norton vs. Kramer et al. Action for $2,500 for injuries received in falling in front of 1019 High street. There was a verdict and judgment in the lower court on November 23, 1901, for $2,000. On March 17, 1904, this verdict was affirmed.

State ex rel Henderson vs. L. F. Hammer, Jr., et al. Mandamus to compel collector to pay collateral inheritance tax to Probate Judge. June 1, 1903, writ denied.

City of St. Louis, Plaintiff in Error, vs. Patrick Short, Defendant in Error. Action for violation of building ordinance in relation to automatic sprinklers in theaters. Appeal dismissed.

City of St. Louis, Respondent, vs. John M. Roe et al., Defendants. Frisco R. R. Co. et al., Appellants. Appeal from order of Circuit Court confirming report in the matter of opening Park avenue from Grand avenue west. Reversed and remanded and now pending on motion for rehearing.

City of St. Louis vs. Wm. J. Armstrong. Writ of error to Supreme Court from Court of Criminal Correction. Pending.

Theodore D. Kalbfell et al. vs. Wood. Prohibition to prohibit defendants from appointing judges and clerks, etc., for primary election September 16, 1903. Argued and submitted to the court.

State ex rel Grafeman Dairy Company vs. Tracy. Certiorari to police court. Prosecution for selling milk and cream at Twenty-first and Morgan streets without license from city. On May 7, 1903, motion to quash writ of certiorari sustained.

E. F. W. Meier vs. City of St. Louis et al. Injunction to restrain city making out, registering, etc., special tax bills for improvement of Texas avenue between Miami and Potomac. On September 24, 1903, decree for plaintiff in lower court. March 9, 1904, verdict of lower court in favor of plaintiff affirmed.

City vs. J. E. Kaime & Brothers Real Estate Co. Prosecution for failure to remove dangerous buildings. On October 2, 1902, fined $250 in the Court of Criminal Correction. March 1, 1904, judgment of lower court was reversed and defendant discharged.

City vs. J. E. Kaime & Brothers Real Estate Company. Same cause of action as above. On October 2, 1902, fined $250 in Court of Criminal Correction. March 1, 1904, judgment of lower court reversed and defendant discharged.

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City vs. Galt. Prosecution for violation of sections of Municipal Code relative to weeds. Respondent fined $10 in police court. Affirmed by Court of Criminal Correction. November 24, 1903, the judgment of the lower court affirmed by Supreme Court.

City of St. Louis vs. Lawton. Exceptions to Commissioners' report in matter of opening Kossuth avenue under ordinance 18752. No action taken during fiscal year.

Edwin Straub, by next friend, vs. Middleton and City. $5,000 damages for injuries to son falling on sidewalk. Judgment for $800 was rendered on November 19, 1901. Appealed. Dismissed July 7, 1903.

Catherine T. Gerst vs. City of St. Louis et al. Action for $2,120 for damages to house 3015-3017 Newstead avenue on March 10, 1898, by being undermined by construction of sewer. Briefs prepared and filed.

Caroline Straub vs. Middleton and City. Action for $1,200 for loss of service and expense of nursing since injury on the streets. Argued and submitted and on June 9, 1903, the judgment of lower court for $400 was affirmed.

David E. Wheat vs. City of St. Louis. Action for $15,000 damages for personal injuries received in driving into a hole in front of 4635 Vernon avenue. Argued and submitted and on February 10, 1904, the judgment of the lower court in favor of plaintiff for $1,000 was reversed.

W. W. Henderson vs. Wm. C. Koenig and the City of St. Louis. Injunction to restrain probate clerk from paying fees and costs to City Treasurer. Appealed from judgment of lower court allowing city to retain salary paid clerks. Briefs prepared and filed.

City vs. Terminal Railway Association et al. Action on bond to recover $200,000 breach of contract under ordinance No. 15989. On February 23, 1904, plaintiff takes non suit with leave. No action taken during fiscal year.

Geo. B. Sheridan vs. City of St. Louis. Action for $685 salary claimed to be due as deputy milk inspector from September 26, 1898, to June 3. 1899. Brief prepared.

Charles E. Ely vs. City of St. Louis. $10.000 damages for personal injuries received in falling into a hole on McCausland avenue, 100 feet north of Manchester avenue, on June 20, 1900. Brief prepared.

F. W. Kaiser vs. City of St. Louis. Action for $5,000 damages for personal injuries received by driving into excavation in front of 2775 Chouteau avenue. No action taken during the fiscal year.

Bernard Loth vs. Columbia Theater Co., et al. Action for $25,000 damages for injuries received by a sign falling on him on west side of Sixth street, near St. Charles. No action taken during fiscal year.

The American Brewing Company vs. City. Action for $1,975.00 overcharge claimed to have been paid for water license. No action taken during fiscal year.

Herman A. Haeussler et al. vs. City. Injunction to restrain City from paying relief bill in favor of D. F. Behrens. No action taken during fiscal year.

The Green River Asphalt Company vs. City. Action for $2,206 damages done to pavement by reason of the breaking of a water pipe in Washington avenue, between Theresa and Grand. No action taken during the fiscal year.

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Jos. L. Griswold vs. City of St. Louis. Action for $970.20 for food served to sheriff's posse, also for $48 for service as deputy sheriff. Oct. 13, 1903, appeal and cause dismissed on stipulation.

John Fuerst vs. City. Action for $20,000 damages for death of child from tetanus Nov. 2nd, 1901. On February 24, 1904, the judgment of the lower court for defendant was affirmed.

Lucinda Perrigo vs. City et al. $5,000 damages for personal injuries in falling over cellar door at 2822 Manchester avenue, January 1, 1902. Briefs prepared.

Mary Fischer vs. City of St. Louis. $5,000 damages for personal injuries sustained in falling over obstruction in sidewalk in front of 2230 South Second. No action taken during fiscal year.

Atkinson vs. City et al. Action to set aside sale of St. Louis Exposition and Music Hall Association and for injunction, etc. No action taken during fiscal year.

Baker vs. City. $22,000 damages for sickness and expense of child from tetanus. No action taken during fiscal year.

Ida King et al. vs. Gilson. Action to establish will. No action taken during fiscal year.

Swift vs. City et al. Injunction to restrain letting of a contract for the improvement of West Pine boulevard from Spring avenue to Kingshighway. February 24, 1904, judgment of lower court dissolving and dismissing bill affirmed.

City vs. Mary Hollrah. Action for board and nursing, etc., at Insane Asylum in sum of $1,173.59. On May 27, 1903, the judgment in lower court affirmed.

Chas. Kossman vs. St. Louis. Action for damages for personal injuries received in driving into hole at south end of Grand avenue bridge on August 17, 1896. No action taken during fiscal year.

A. F. Ruppenthal vs. City of St. Louis. Action for $5,000 damages for personal injuries sustained in falling into hole on the sidewalk on south side of Arsenal street between Portis avenue and Kingshighway on July 29, 1900. No action taken during fiscal year.

Delia Dinsmore vs. City of St. Louis. Action for $1,000 damages for personal injuries sustained in falling on sidewalk on Arlington near St. Louis avenue. No action taken during fiscal year.

City vs. Frank and August Boedeker. Appeal from the Court of Criminal Correction, being a prosecution for violation of the city ordinance in relation to milk inspection. No action taken during fiscal year.

City vs. Oswinkle. Same cause as Boedeker case. No action taken during fiscal year.

City vs. Grafeman Dairy Company. Same cause as Boedeker case. No action taken during fiscal year.

City vs. Grafeman Dairy Company. Same cause as Boedeker case. No action taken during fiscal year.

City vs. Grafeman Dairy Company. Same cause as Boedeker case. No action taken during fiscal year.

City vs. Steinlager. Same cause as Boedeker case. No action taken during fiscal year.

City vs. Bippen. Same cause as Boedeker case. No action taken during fiscal year.

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City vs. Schottel. Same cause at Boedeker case. No action taken during fiscal year.

City vs. Langeland. Same cause as Boedeker case. No action taken during fiscal year.

City vs. Western Dairy Company. Same cause as Boedeker case. No action taken during fiscal year.

City of St. Louis vs. St. Louis Theater Company. Appeal from the Court of Criminal Correction, being a prosecution for violation of building ordinance in relation to overhanging signs. No action taken during fiscal year.

City vs. Edward Butler and Empire Circuit Company. Appeal from Court of Criminal Correction, being a prosecution for violation of building ordinance in relation to overhanging signs. No action taken during fiscal year.

City vs. Hohengarten. Suit to enforce payment of factory inspector's fees. No action taken during fiscal year.

CASES IN CIRCUIT COURT.

46530-4. St. Louis, Iron Mountain and Southern Railway Co. vs. The St. Louis Sectional Dock Company. This is an ejectment to recover part of wharf south of Lesperance street. No action taken during fiscal year.

59645-4. City vs. South St. Louis Iron Co. and the Missouri Pacific Railway Co. This is an ejectment to recover part of wharf at Water street and Pine street, South St. Louis. No action taken during the fiscal year.

86310-5. John Muehling and Geo. G. Heilweck vs. City of St. Louis. Action for $5,000 damages on account of proceedings for the opening of Vandeventer avenue being dismissed. On January 24, 1902, plaintiff takes non-suit with leave. Motion to set aside non-suit overruled on November 9, 1903. No appeal.

88765-5. City of St. Louis vs. Lewis C. Nelson et al. An action to ascertain the damages and benefits for changing grade of Twenty-first street and other streets. Exceptions to Commissioners' report were filed in 1899, and on June 28, 1902, the case was remanded with directions by the Supreme Court of Missouri. On dismissal of Reinhardt's appeal to Supreme Court damages were all paid.

1645A-4. City of St. Louis vs. Peter Ratz et al. Action to assess benefits and damages for changing grade of Twelfth street between Spruce street and Chouteau avenue. No action taken during the fiscal year.

4163A-2. State ex rel Walker, Attorney General, vs. City et al. Injunction to restrain city paying relief bill in regard to paying for laying of water pipe. No action taken during fiscal year.

7266A-3. Sarah Garvin vs. Stifel et al. Action for $10,000 for personal injuries received in falling into a hole on north side of Finney avenue between Pendleton and Taylor. No action taken during the fiscal year.

7749A-4. Mrs. Kate O'Connell vs. City of St. Louis et al. Action for $5,000 damages for personal injuries received in falling on sidewalk on Broadway and Locust street on November 24, 1896. No action taken during the fiscal year.

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11409A-5. State of Missouri to use of City of St. Louis vs. Nolan et al. Action on bond to collect fees not returned to City Treasurer. January 28, 1904, dismissed on stipulation.

11612A-4. State of Missouri to use of the City of St. Louis vs. Dieterle et al. Action on bond to collect fees not returned to the City Treasurer. No action taken during the fiscal year.

12500A-7. Henry Cantwell vs. Mullen et al. Action for $20,000 damages for personal injuries by being thrown from buggy at Tenth and Olive streets on October 31, 1898, the horse being frightened by a parade on the street. Dismissed.

13315A-6. Emil Spohr vs. City. Action for $1,300 damages, overflow of Mill Creek sewer. February 10, 1904, judgment for defendant on stipulation on Gulath decision.

13317A-1. Jacob Seifried vs. City. Action for $1,100 damages, overflow Mill Creek sewer. February 8, 1904, judgment for defendant on stipulation on Gulath decision.

13318A-2. John May vs. City. Action for $1,000 damages, overflow of Mill Creek sewer. February 8, 1904, judgment for defendant on stipulation on Gulath decision.

13319A-4. W. P. Rodeneich vs. City. Action for $875 damages, overflow Mill Creek sewer. February 8, 1904. judgment for defendant on stipulation on Gulath decision.

13320A-4. Gustave Bange vs. City. Action for $825.35 damages, overflow Mill Creek sewer. February 8. 1904, judgment for defendant on stipulation on Gulath decision.

13321A-5. William Ernst vs. City. Action for $625 damages, overflow Mill Creek sewer. February 8, 1904, judgment for defendant on stipulation on Gulath decision.

13322A-6. Charles Windish vs. City. Action for $500 damages, overflow Mill Creek sewer. February 8, 1904, judgment for defendant on stipulation on Gulath decision.

13323A-7. Leinz vs. City. Action for $400 damages, overflow Mill Creek sewer. February 8, 1904, judgment for defendant on stipulation on Gulath decision.

13324A-1. John Finn vs. City. Action for $370 damages, overflow Mill Creek sewer. February 8, 1904, judgment for defendant on stipulation on Gulath decision.

13325A-2. H. J. Ruehlman vs. City. Action for $320 damages, overflow Mill Creek sewer. February 8, 1904, judgment for defendant on stipulation on Gulath decision.

13326A-5. F. Heilmann vs. City. Action for $300 damages, overflow Mill Creek sewer. February 8, 1904, judgment for defendant on stipulation on Gulath decision.

13327A-4. John Rhein vs. City. Action for $270 damages, overflow Mill Creek sewer. February 8, 1904, judgment for defendant on stipulation on Gulath decision.

13328A-5. Brueggmann vs. City. Action for $250 damages, overflow Mill Creek sewer. February 8, 1904, judgment for defendant on stipulation on Gulath decision.

13329A-6. Julia Feigenspann vs. City. Action for $225 damages, overflow Mill Creek sewer. February 10, 1904, judgment for defendant on stipulation on Gulath decision.

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13331A-1. L. Breitschuh vs. City. Action for $600 damages, overflow Mill Creek sewer. February 3, 1904, judgment for defendant on stipulation on Gulath case.

13332A-2. Louis Weiss vs. City. Action for $100 damages, overflow Mill Creek sewer. February 3, 1904, judgment for defendant on stipulation on Gulath case.

13333A-2. Quigley & Son vs. City. Action for $125 damages, overflow Mill Creek sewer. February 3, 1904, judgment for defendant on stipulation on Gulath decision.

13334A-4. Serverin Prag vs. City. Action for $43 damages, overflow Mill Creek sewer. February 8, 1904, judgment for defendant on stipulation on Gulath decision.

13335A-5. Valentine Roth vs. City. Action for $125 damages, overflow Mill Creek sewer. February 8, 1904, judgment for defendant on stipulation on Gulath case.

13337A-7. C. Bergman vs. City. Action for $185 damages, overflow. Mill Creek sewer. February 9, 1904, judgment for defendant on stipulation on Gulath decision.

13355A-4. William John vs. City. Action for $800 damages, overflow Mill Creek sewer. February 8, 1904, judgment for defendant on stipulation on Gulath decision.

13368A-1. J. Lossos vs. City. Action for $150 damages, overflow Mill Creek sewer. February 8, 1904, judgment for defendant on stipulation on Gulath decision.

13361A-3. City vs. Terminal Railway Association et al. Action on bond to recover $200,000 breach of contract under ordinance No. 15989. On February 23, 1904, plaintiff takes non-suit with leave. Appealed to Supreme Court.

17114A-6. City vs. Griffith Sand and Gravel Co. et al. Action on bond for $56 rent due for portion of north wharf. On December 28, 1903, judgment for plaintiff on first count for $50 and for defendant on second count.

17579A-11. Moritz Heibcrger vs. City of St. Louis. Action for $5,000 damages for personal injuries in driving over an obstruction in Newstead avenue near Farlin avenue on May 20, 1900. On January 12, 1904, there was a verdict and judgment for defendant. No appeal.

18760A-2. Ella W. Berry vs. City et al. Action for $2,448.75 damages to stock in Linmar building by overflow of Vandeventer avenue sewer. Dismissed September 10, 1903.

19281A-6. City vs. Prendergast et al. Suit on bond for failure to indemnify plaintiff against judgment of Weithaupt. On April 6, 1904, judgment by stipulation for $500 and costs.

20495A-5. Knittel vs. City. Action for salary as Building Inspector. No action taken during fiscal year.

20496A-6. F. W. Bartraw vs. City. Action for salary as Building Inspector. On June 16, 1901, there was a judgment for defendant. Motion for new trial filed, and on April 4, 1904, this motion was overruled. No appeal.

19561A-7. State ex rel Steele vs. Hawes. Mandamus for salary. No action taken during fiscal year.

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22091A-1. Augusta Kaltmeyer, Executrix, etc., vs. City. Action for $745 damages by overflow of Rocky Branch sewer. November 20, 1903, judgment and verdict for defendant. No appeal.

22092A-2. Elizabeth Schweitzer vs. City. Action for $525 damages, overflow of Rocky Branch sewer. On January 26, 1904, dismissed by plaintiff.

22439A-6. Albert Koby vs. City of St. Louis. Action for $567 damages caused by overflow of Vandeventer avenue sewer. No action taken during the fiscal year.

22438A-3. Chas. McCally vs. City. Action for $150 damages caused by the overflow of Vandeventer avenue sewer. No action taken.

22689A-3. City vs. Wright Contracting Co. et al. Action on bond to recover on breach of contract for certain street and alley work. Evidence taken before referee. February 8, 1904, judgment for plaintiff. Appealed to Supreme Court.

22727A-6. Frederich & Bros. Furniture Co. vs. City. Action for $3,471.55 damages for overflow of Rocky Branch sewer. On June 26, 1903, there was a verdict and judgment for plaintiff for $1.00. No appeal.

22739A-7. Stevenson vs. City of St. Louis. Action for $1,775 for salary claimed to be due as inspector in Street Department. On trial before referee.

22995A-4. The Southern Telegraph and Money Order Co. vs. Hawes et al. $30,000 damages for persecution in office. No action taken during fiscal year.

23001A-1. Elizabeth McDermott vs. McIntyre and Teese et al. Action for $2,056 damages for personal injuries sustained by falling into excavation on Ewing and Laclede avenues. June 5, 1903, dismissed for failure to secure costs.

23863A-7. City vs. G. H. Wright Contracting Co. et al. Action on bond to recover for breach of contract for certain street and alley work. March 16, 1904, referred to Joseph W. Jamison to try all issues.

24023A-11. Henry Franke vs. City et al. $10,000 damages for unlawful detention at Insane Asylum. On July 1, 1902, demurrer of city sustained. Demurrers of Runge, Nietert, Starkloff and Franke overruled.

24190A-6. Mitchell by Garrard Strode vs. McDonnell and City. $10,000 damages for personal injuries from falling into a hole on south side of Russell avenue near Missouri avenue. On December 3, 1903, plaintiff takes non-suit with leave. No appeal.

24301A-5. City vs. G. H. Wright Contracting Co. Action on bond to recover for breach of contract on certain improvement work. Stipulation to abide case between same parties in No. 3.

24302A-6. City vs. S. D. Martin et al. Action on bond for breach of contract for certain improvements. No action taken during fiscal year.

23077A-3. City vs. Kavanaugh and Lockwood Towing Co. Suit for wharfage. No action taken during fiscal year.

23078A-1. City vs. Interstate Car Transfer Co. Suit for wharfage. November 18, 1903, dismissed by consent at defendant's cost.

24783A-5. St. Louis Dressed Beef and Provision Co., vs. City et al. Injunction to restrain city from interfering with plaintiff in building on 30-foot strip on Vandeventer avenue and Missouri Pacific R. R.

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tracks. May 14, 1902, temporary injunction granted, $2,000 bond approved and filed. January 5, 1904, injunction made perpetual.

24778A-11. Christian Pieper et al. vs. Hogan and City. Action for $218.50 for injuries and death of horse falling into a sewer excavation on Mchigan avenue between Winnebago and Chippewa streets. No action taken during fiscal year.

24864A-4. Horitz et al. vs. City. Ejectment to recover property in survey 918, in the Prairie des Noyers Common Fields. On June 2, 1903, dismissed by plaintiff.

25826A-11. City vs. Wright Contracting Co. et al. Action on bond to recover for breach of contract for certain street improvement work. Stipulation to abide case between same parties in No. 3.

25825A-3. City vs. Martin et al. Action on bond to recover for breach of contract for certain street improvement work. No action taken during fiscal year.

25829A-7. Hebenheimer vs. Gregory. Action for $10,000 damages caused by falling into a coal hole in sidewalk in front of 1006 Olive street. No action taken during fiscal year.

25900A-1. DeRuelle vs. City. $10,490 damages for personal injuries received from stepping on loose plank on bridge over River des Peres. Death of plaintiff suggested and cause abated.

26014A-4. A. J. Perrigo vs. City et al. $5,500 damages for loss of services of wife. January 26, 1904, judgment for both defendants. Motion for new trial pending.

25731A-1. Wabash R. R. Co. vs. City. Injunction to restrain laying of sewer in DeBaliviere avenue. November 4, 1903, dismissed by plaintiff.

26111A-7. Clayton vs. City of St. Louis. Action for $25,709 for salaries claimed for services as inspectors in street department. Testimony taken before referee McMaster.

26163A-7. Newberger vs. City. $2,500 damages for personal injuries for falling on sidewalk on Arlington avenue between Cote Brilliante and North Market street. Pleading filed.

26249A-1. City vs. Estate of Caroline Eulenstein et al. Action to recover $3,226 for maintenance at Insane Asylum. May 11, 1903, dismissed by plaintiff.

26489A-6. Stein vs. Ravold et al. $5,000 damages for death of plaintiff's son from tetanus. February 4, 1904, dismissed for failure to secure costs.

26592A-3. National Electric Lamp Co. vs. Wadlow et al. Injunction to restrain defendants from incorporating and Recorder from recording certain instruments. No action taken during fiscal year.

26690A-7. Frey by Strode, Curator, vs. Swift and City. $10,000 damages for personal injuries in falling into excavation on Thom street on September 18, 1902. December 10, 1903, judgment for both defendants and March 16, 1904, motion for new trial overruled. No appeal.

26904A-2. J. E. Perkinson vs. City of St. Louis et al. Injunction to restrain defendants from issuing special tax bills against plaintiff's property for the improvement of Grand avenue between Penrose street and Florissant avenue. No action taken during fiscal year.

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26913A-2. Henry Perkinson vs. City of St. Louis. Injunction to restrain defendant from issuing special tax bills against plaintiff's property for the improvement of Grand avenue between Penrose and Florissant. No action taken during fiscal year.

26915A-1. St. Louis Fair Association vs. City et al. Action to declare special tax bills null and void for reconstructing Grand avenue between Natural Bridge Road and Penrose street. No action taken during fiscal year.

26988A-5. Anderson vs. Terminal R. R. Co. and City. $10,000 damages for personal injuries falling into coal hole in front of 1242 North Third street. December 15, 1903, dismissed on stipulation.

27217A-7. John H. Pohlman vs. City of St. Louis. $2,370 for attendance of Deputy sheriffs in Divisions 8 and 9 of the Circuit Court, December term, 1898, February term, 1899, April term, 1899, and June term, 1899. February 14, 1904, judgment for defendant.

27773A-4. Gartside vs. City et al. Injunction to restrain city from letting contract for improvement of Maple avenue under ordinance 20943 with bituminous macadam. April 27, 1903, dismissed by plaintiff.

27863A-7. Roache vs. City. $10,000 damages for personal injuries by bank of earth falling on Roache while working in trench near 6334 North Broadway. No action taken during fiscal year.

28008A-3. Scheller vs. City et al. $15,000 damages for injuries received in falling into open sewer on Suburban tracks between Clara and Goodfellow avenue. No action taken during fiscal year.

28022A-5. Ruffner vs. City et al. $4,475 damages for personal injuries received by falling on sidewalk (on account of snow and ice) at 815-817 Lucas avenue. October 20, 1903, judgment for plaintiff for $3,000. January 18, 1904, motion for new trial sustained.

28034A-2. Eyermann vs. City. Action for breach of contract for hauling macadam from workhouse. First count for damages for prospective profits, $2,747,36; second count, for $759.83 for hauling done prior to the time alleged breach admitted by defendant in its answer to be due. Judgment, December 7, 1903, for defendant city on first count; for plaintiff on second.

28204A-5. Wm. James vs. City, the Laclede Gas Light Company and the Carondelet Gas Light Company. Mandamus to compel the testing and sealing of gas meters under section 349 of the Municipal Code. October 7, 1903, dismissed for failure to prosecute and to secure costs.

26832A-4. St. Louis Terminal Depot Co. vs. Wiggins Ferry Co. Action to condemn roadway for railroad. No action taken during fiscal year.

28203A-2. The Missouri Smoke Preventer Co. vs. City of St. Louis. Action for $2,300 for money claimed to be due on contract for failure of city to install smoke preventive appliances. No action taken during fiscal year.

28315A-11. Bridget McGrath and John J. McGrath vs. City et al. $4,500 damages to real estate by an excavation alongside of building. No action taken during fiscal year.

28356A-3. L. Frillman vs. City. $15,000 damages for personal injuries received by his gun being accidentally discharged while doing duty as guard at workhouse. November 18, 1903, dismissed for failure to secure costs.

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25013A-4. City vs. Hohengarten. Suit to enforce payment of factory inspector's fees. On October 26, 1903, judgment for defendant. Appealed to Supreme Court.

27275A-2. City vs. St. Louis Transit Company. Same cause of action as above. April 4, 1904, cause was withdrawn from docket pending appeal of the Hohengarten case.

28159A-4. St. Louis, Rock Island Terminal Ry. Co. vs. Sligo Iron Store Co. et al. Proceedings to condemn roadway for railroad. No action taken during fiscal year.

28509A-4. O. K. Harry vs. City. $2,760 damages to stock and loss of business caused by flooding of premises in alley between Papin and Gratiot streets near Jefferson avenue by reason of change of grade in the improvement of alley and negligent maintenance of certain catch basin. No action taken during fiscal year.

28704A-6. Jno. Mendel et. al. vs. St. Louis Meramec River R. R. Co. et al. $15,000 damages for personal injuries received on March 20, 1903, while on north side of Locust street, 90 feet west of Twelfth. November 24, 1903, cause dismissed as to the city.

29097A-6. E. F. W. Meier vs. City of St. Louis et al. Injunction to restrain city making out, registering, etc., certain special tax bills for improvement of Texas avenue between Miami and Potomac. On September 24, 1903, decree for plaintiff. Appealed to Supreme Court.

29383A-4. James G. Hall vs. City. Action for salaries claimed to be due as inspectors in Sewer Department. No action taken during fiscal year.

28857A-6. State ex rel Parker-Washington Company vs. City et al. Certiorari proceedings in re Board of Health condemning plaintiff's works as a nuisance. February 2, 1904, alternative writ of certiorari quashed and petition for writ of certiorari dismissed.

29501A-7. Catherine R. Dunn et al vs. Gilsonite Roofing and Paving Company et al. Action to declare certain tax bills for the improvement of Grand avenue under ordinance 20677 void. No action taken during fiscal year.

29540A-11. Agnes MacDonald vs. Transit Company et al. $5,000 damages for personal injuries in falling into excavation at Franklin and Jefferson avenues after alighting from car. No action taken during fiscal year.

29555A-6. W. J. Kress vs. City of St. Louis. $1,000 damages to automobile by running into gully in Hodiamont avenue near Wagner avenue on August 10, 1903. No action taken during fiscal year.

29619A-6. Samuel M. Yaffe, etc., vs. Brohan and City. $40,000 damages for personal injuries received at 2617 Gravois avenue by trap door falling on him on August 8, 1903. February 17, 1904, change of venue granted to St. Louis County.

29732A-1. Ella R. Berry vs. City. $2,448.75 damages to personal property by overflow of Vandeventer avenue sewer. No action taken during fiscal year.

29681A-4. O'Hara vs. Laclede Gas Light Co. et al. $5,000 damages for death of son, killed while playing upon pile of iron pipe in front of 2031 Howard street. No action taken during fiscal year.

29843A-4. Rosetta King vs. City of St. Louis. $2,500 damages for personal injuries sustained in front of 721-723 North Jefferson avenue

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by falling over defective sidewalk. February 8, 1904, dismissed at cost of plaintiff.

28877A-2. Boisaubin vs. City. $5,000 damages for change of grade of Arlington avenue, corner North Market. No action taken during fiscal year.

29926A-6. Wollbrinck vs. City. $5,000 damages for personal injuries in falling on ice on sidewalk in front of building at southeast corner of Easton and Euclid. No action taken during fiscal year.

28874A-1. State ex rel to use of Pasek vs. Paul Young. Mandamus to compel Recorder of Deeds to receive, file and record certain warranty deed. December 22, 1903, peremptory writ of mandamus awarded.

30243A-10. Gorman vs. City et al. $4,500 damages for personal injuries received in falling over iron rails and into an excavation in the highway at Manchester and Boyle avenue. No action taken during the fiscal year.

30262A-7. Boyce vs. Transit Company et al. $5,000 damages for personal injuries and injury to horse and harness by collision with car on Fourteenth and Washington avenue. No action taken during fiscal year.

28758A-5. Cleary vs. Transit Company et al. $150 damages to horse, wagon and produce by coming into contact with live wire on Eighth street between Cass and O'Fallon. On December 21, 1903, plaintiff takes voluntary non-suit as to city with leave. Verdict and judgment in favor of plaintiff and against Transit Company for $113 and in favor of city.

30875A-6. King vs. City. $500 damages for personal injuries received in falling over iron gate at Union Market. November 5, 1903, there was a judgment in Judge Cullinane's court for $250. Appealed to Circuit Court. No action taken during fiscal year.

30544A-10. Hacker vs. City of St. Louis. $1,000 damages for personal injuries by falling on snow on sidewalk in front of 2110 South Broadway, January 14, 1903. April 8, 1904, dismissed at plaintiff's cost.

30741A-7. City vs. Bradford et al. Action for $720 for maintenance, support and care of Charles M. Bradford at Insane Asylum. March 18, 1904, judgment for plaintiff for $975.

30614A-6. Gucker vs. City. $500 damages to horse and buggy by being precipitated into excavation on Potomac street, 300 feet west of Nebraska avenue. No action taken during fiscal year.

30772A-2. May Wolfe vs. City et al. $500 damages for personal injuries and damage to clothing by being thrown from wagon by driving into excavation in front of 4293 North Broadway. No action taken during fiscal year.

30706A-10. Richardson, Administrator, etc., vs. City et al. Ejectment to recover property east of the Brazeau reservation. Answer filed.

30003A-10. Hangge vs. City. $6,150 damages for personal injuries received by falling into an open fire plug box in sidewalk on north side University street about 15 feet east of Leffingwell avenue. No action taken during fiscal year.

31067A-2. Con P. Curran Printing Company vs. City. Action for $6,375 with interest for printing and binding Mayor's message and accompanying documents for the year 1903. No action taken during the fiscal year.

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31093A-6. French vs. Municipal Engineering and Contracting Co. et al. Injunction to restrain defendants from cutting off, stopping up, etc., the drainage and sewage through private property in City Block 4548. February 4, 1904, dismissed by plaintiff.

31074A-11. St. Louis Fair Association vs. Hammer et al. Injunction to restrain the assessment and collection of taxes on property of Fair Association. No action taken during fiscal year.

27352A-2. Merritt vs. Kinloch Telephone Company et al. $4,450 damages falling into excavation. March 18, 1904, mistrial-jury discharged. Cause continued.

31731A-4. Michael Dolan vs. Municipal Engineering and Contracting Co. et al. $4,400 damages for injuries sustained by bank falling on him in trench on Goodfellow avenue between Ridge and Wells. April 4, 1904, petition and bond filed and approved and cause removed to U. S. Circuit Court.

31955A-11. City of St. Louis vs. Eagle Packet Company. Action for $194.79 for wharfage dues. No action taken during fiscal year.

31534A-6. State ex rel Chas. A. Reeder vs. McCafferty et al. Mandamus to compel Board of Election Commissioners to reject certain delegates for primary Republican election in First ward. March 17, 1904, writ of mandamus denied.

32046A-11. Raymond Mehan, etc., vs. City et al. $10,000 damages for injuries sustained in falling over old building material in alley alongside engine house. No action taken during fiscal year.

31786A-5. Coleman vs. O'Conner. $5,000 damages against police officer for false arrest. No action taken during fiscal year.

32377A-2. Elizabeth H. Krum vs. Municipal Engineering and Contracting Company et al. Injunction to restrain building of sewer. No action taken during fiscal year.

32262A-2. Beckman vs. City et al. $200 damages for injuries to horse falling into excavation in alley in rear of 3025 Osage street. No action taken during fiscal year.

32271A-2. Mueller Coal, Heavy Hauling and Transfer Co. vs. City et al. $190 damages for injuries to mule in falling into excavation on Barton between DeKalb and Second. No action during fiscal year.

13052A-9. City of St. Louis vs. Wm. M. Anderson. Action on bond to recover difference between amount agreed upon for construction of De Hodiamont sewer and the amount of actual cost. Several pleadings filed.

14778A-7. City vs. Eliza Hollrah. Action for board and nursing, etc., at Insane Asylum in sum of $1,181.47. On July 3, 1903, judgment was paid.

4655A-6. John C. Heman vs. City of St. Louis. Action on account for $5,073.68 for extra work claimed to be due in laying granitoid pavements under city contract. Pending before Referee Crane.

31548A-5. Clark, Factory Inspector, vs. Whitman Agricultural Company. Action to collect fees for factory inspection under ordinance 20074. No action taken during fiscal year.

31547A-4. Clark, Factory Inspector, vs. St. Louis Car Wheel Company. Action to collect fees for factory inspection under ordinance No. 20074. No action during fiscal year.

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31549A-8. Clark, Factory Inspector, vs. Laclede Fire Brick Company. Action to collect fees for factory inspection under ordinance No. 20074. No action taken during fiscal year.

Assignment No. 1590-10, in re assignment of St. Louis Granule Company. Claim of the city for $74 for unpaid water rates. Allowed February 23, 1904, by John C. Vaughan, assignee, against the assigned estate.

SPECIAL TAX CASES IN CIRCUIT COURT.

Cases Pending at Beginning of Fiscal Year 1903-1904.

10744A-5.	City vs. Koch et al	Judgment
18996A-7.	City vs. Messmann et al	Judgment
19352A-7.	City vs. Bankerd et al	Judgment
20218A-1.	City vs. Frank et al	Pending
20225A-1.	City vs. Smith et al	Pending
20758A-10.	City vs. Besch et al	Pending
20805A-6.	City vs. DeLay et al	Judgment
20823A-3.	City vs. Johnson et al	Judgment
20821A-2.	City vs. Baker et al	Judgment
20818A-5.	City vs. Gillooly et al	Judgment
20816A-3.	City vs. Durkin et al	Judgment
21629A-7.	City vs. Burns et al	Pending
21630A-2.	City vs. Fitzpatrick et al	Judgment
21632A-5.	City vs. Cavanaugh et al	Judgment
21634A-5.	City vs. Brinckwith et al	Pending
21639A-3.	City vs. Gruner et al	Pending
21646A-3.	City vs. Heath et al	Judgment
23512A-3.	City vs. Frey et al	Judgment
23513A-4.	City vs. Rollman et al	Pending
23518A-2.	City vs. Edwards et al	Pending
23519A-6.	City vs. Pitzman et al	Judgment
23520A-4.	City vs. Maude et al	Pending
23997A-2.	City vs. McGinnis et al	Judgment
24001A-10.	City vs. Thompson et al	Pending
24002A-7.	City vs. Kohl et al	Pending
24003A-2.	City vs. Pearce et al	Pending
24005A-3.	City vs. Ellison et al	Judgment
24298A-2.	City vs. Walter et al	Judgment
24299A-3.	City vs. Bambrick et al	Pending
24530A-11.	City vs. Evans	Pending
25861A-4.	City vs. Goldsmith et al	Pending
25862A-5.	City vs. Charleson	Pending
25864A-11.	City vs. Marshall	Judgment
25865A-1.	City vs. Boyce.	Pending
25867A-3.	City vs. L. J. Horn	Judgment
28264A-1.	City vs. Fidelity Realty Co. et al	Judgment
28265A-2.	City vs. Hynson	Judgment
27155A-5.	City vs. Call, Trustee	Judgment
29156A-7.	City vs. Baker	Pending
29157A-7.	City vs. Sessinghaus	Pending

STREET, ALLEY AND BOULEVARD OPENING CASES IN CIRCUIT COURT.

Cases Pending at the Beginning of the Fiscal Year 1903-1904.

79598-5.	City vs. Davis et al., Alley 3916	Dismissed
80499-3.	City vs. McManus, Alley 3920	Dismissed
80513-4.	City vs. Meyer et al., Alley 3917	Dismissed
81602-1.	City vs. Siebert et al., LaSalle St	Pending
91472-1.	City vs. Leathe et al., Alley 3917	Dismissed

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94082-4.	City vs. Pease et al., Loughborough Ave	Dismissed
96353-5.	City vs. Roe et al., Park Ave	Pending
1173A-6.	City vs. Garrell et al., Fairfax Ave	Pending
6822A-2.	City vs. Lawton et al., Kossuth Ave	Pending
16951A-4.	City vs. Stewart et al., Alley 2956	Pending
16964A-6.	City vs. Caffery et al., Algernon St	Dismissed
16966A-6.	City vs. Puls et al., Alley 3980	Pending
17847A-5.	City vs. Sturgeon et al., Broadway	Pending
21136A-10.	City vs. Calhoun et al., Alley 1370	Pending
22302A-6.	City vs. Sage, Ninth St	Pending
22311A-5.	City vs. Wells, Alley 4877A	Final Judgment
22318A-7.	City vs. Duffy, Alley 4877B	Pending
22319A-4.	City vs. Schmitt et al., Tenth St	Pending
23465A-2.	City vs. Levy et al., Kraft St	Pending
25078A-6.	City vs. Ludlow et al., Alley 1437	Pending
25108A-3.	City vs. Math et al., Swan Ave	Pending
25109A-3.	City vs. Clemens et al., Alley 1442	Pending
25110A-11.	City vs. McCann et al., McCausland Ave	Pending
25111A-7.	City vs. O'Malley et al., Leduc Ave	Pending
26287A-4.	City vs. Bobb et al., Alley 943	Pending
26288A-11.	City vs. Eddy, Alley Block 2816	Pending
26298A-3.	City vs. Beurmann, Alley 4936	Pending
26312A-7.	City vs. Frost et al., Wisconsin Ave	Pending
26313A-5.	City vs. Kunst et al., Alley 1664	Pending
26314A-1.	City vs. Gaylord, Kingshighway	Pending
26332A-2.	City vs. Wilkinson et al., Lexington Ave	Pending
26333A-10.	City vs. Fisher et al., Delor St	Pending
26334A-6.	City vs. Ferry et al., Kansas St	Pending
26849A-1.	City vs. Ude et al., Loughborough Ave	Pending
26857A-11.	City vs. Handlan et al., West Pine Boul	Pending
27405A-6.	City vs. Wegener et al., Alley 1639	Pending
27446A-11.	City vs. Rice et al., Lindell Boul	Pending
27468A-6.	City vs. Hoyt, Alley 4551	Pending
27469A-3.	City vs. Primm, Alley 2944	Pending
27470A-1.	City vs. Purcell, Alley 38073	Pending

CASES INSTITUTED DURING FISCAL YEAR 1903-1904.

28844A-6.	City vs. Close, Semple Ave	Pending
28847A-6.	City vs. Stifel, Shreve Ave	Pending
28845A-6.	City vs. Berglar, Suburban Ave	Pending
28846A-6.	City vs. Gantt, DeSoto Ave	Pending
28849A-6.	City vs. Thurman, Westminster Pl	Pending
30907A-7.	City vs. Hall, Cora Ave	Pending
31509A-3.	City vs. Bell, St. Louis Ave	Pending
31508A-11.	City vs. Dahm, Michigan Ave	Pending

CIRCUIT COURT ST. CHARLES COUNTY.

Flannigan Milling Co. vs. City of St. Louis. Action for $7,500 damages to plaintiff's property on Third street near Geyer avenue, by bursting of sewer on July 24, 1899. This case is now pending.

Catherine Grossius vs. St. Louis Transit Co. et al. Action for $10,000 damages for personal injuries sustained by falling into excavation at Jefferson and Franklin avenues. February 10, 1904, change of venue allowed from Circuit Court, City of St. Louis. No action taken during fiscal year.

CIRCUIT COURT ST. LOUIS COUNTY.

29619-6. Samuel M. Yaffe, etc. vs. Brohan and City. $40,000 damages for personal injuries received at 2617 Gravois avenue by trap door falling on him on August 8, 1903. February 17, 1904, change of venue granted to St. Louis County. No action taken during fiscal year.

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CASES IN BANKRUPTCY COURT.

In re Rosenthal and Layman, No. 435, before Referee in Bankruptcy. Claim for merchants' license and ad valorem tax under section 2074 et seq. of the Municipal Code. On first cause of action claim for $472.50 allowed by referee July 2, 1903. On second cause of action at hearing on amended claim before referee August 14, 1903, compromised by accepting $118.12, being 25 per cent of the full claim in lieu thereof. Paid $590.62 to P. J. Clifford, License Collector, August 14, 1903.

In re Dugald Crawford and John F. Crawford, co-partners, etc. Action for $83.00 balance due by measure of meter for water furnished by city before Referee Coles. Claim allowed.

IN JUSTICE OF THE PEACE COURTS.

Clark, Factory Inspector, vs. Whitman Agricultural Company. Action to collect fees for factory inspection under ordinance No. 20074 before Justice Spaulding. November 2, 1903, judgment for defendant. Appeal taken to the Circuit Court.

Clark, Factory Inspector, vs. St. Louis Car Wheel Co. Same cause as above, before Justice Spaulding. November 2, 1903, judgment for defendant. Appeal taken to Circuit Court.

Clark, Factory Inspector, vs. Laclede Fire Brick Co. Same cause of action as above, before Justice Spaulding. November 2, 1903, judgment for defendant. Appeal taken to Circuit Court.

Sarah Thompson vs. City of St. Louis and St. Louis Transit Company. $500 damages for injury to horse on O'Fallon street between High and Twelfth street. Judgment for Plaintiff against St. Louis Transit Company before Justice Spies. Judgment satisfied by the St. Louis Transit Company.

Republican Oil Company vs. City of St. Louis. $30.95 for damages to wagon caused by the caving in of sewer in Ferry street between Hall and Second streets. Judgment for plaintiff for $24.95 September 9, 1903, before Justice Spaulding. Judgment satisfied by the city.

May Wolfe vs. City of St. Louis. $500 damages for personal injuries and damage to clothing by falling into an unguarded water plug on Broadway near Gimblin Road. Taken on change of venue from Justice Robertson to Justice Spies. Judgment for $192 against the city and John O'Donnell, co-defendant. Impleaded on notice by the city November 14, 1903. Appeal taken to the Circuit Court in the City of St. Louis.

John C. King vs. City of St. Louis. $500 damages for personal injuries by falling over iron gate in the Union Market. November 5, 1903, judgment rendered by Justice Cullinane against city for $250. Appeal taken to the Circuit Court.

Thomas J. Lannon vs. Paine's Fire Works Company, the City of St. Louis et al. $500 damages for injury to property caused by exploding fire works at Handlan's park, adjoining plaintiff's property. November 20, 1903, dismissed as to defendant city before Justice Spaulding.

Louis H. Beckman vs. Julius F. Dieckmann, the City of St. Louis et al. $200 damages for the killing of a mule by falling into a sewer excavation in the alley in rear of 3025 Osage street. March 14, 1904, judgment was rendered by Justice Spaulding in favor of plaintiff for $150 against Defendants Dieckmann and the city. Appeal taken to the Circuit Court March 19, 1904.

Mueller Coal, Heavy Hauling and Transfer Company vs. Hogan, Hoffman and the City of St. Louis. $190 damages for injuries to mule by falling into sewer excavation on Barton street between DeKalb and Second. Judgment March 14, 1904, for $190 rendered by Justice Spies against all defendants. Appeal taken March 19, 1904, to the Circuit Court of St. Louis by the city.

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ANNUAL REPORT

——OF THE——

PRESIDENT BOARD OF ASSESSORS,

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

Office Assessment of the Revenue,
City of St. Louis,

April 30th, 1904.

Hon. Rolla Wells, Mayor City of St. Louis:

Dear Sir—I herewith respectfully submit my annual report for the fiscal year ending April 11th, 1904, together with an abstract of values of real and personal assessments for the years 1877 to 1903 inclusive.

STATEMENT OF EXPENDITURES.

Salaries of President and Employes	$	47,650 82
Salaries of District Assessors		18,000 00
Salaries of Temporary Clerks		997 50
Salaries of Board of Equalization		672 00
Book Binding, Books, etc		1,081 00
Printing and Stationery		908 48
Postage		548 00
City Directory and Maps		104 50
Furniture and Repairs		54 50
Telephone and Clock Rent		125 00
Advertising		311 15
Carriages Civic Parade		80 00
Buggy Hire		63 00
Total	$	70,596 95

ABSTRACT OF VALUES FOR THE CITY OF ST. LOUIS, MO., FOR THE YEAR 1904.

Object Taxed.	Valuation of.
Real Estate	$343,195,820 00
Personal Property	86,492,670 00
Total	$429,688,490 00

There should be added to the above amount the assessment made on street railroads, bridges, telegraph and telephone companies and railroads in the City of St. Louis, as equalized by the State Board of Equalization.

The assessment by the State Board of Equalization on above property for the taxes of 1904 amounted to $29,225,117.90.

The following amounts are not included in the above:

Omitted taxes for the year 1903	$	30,690 00
Included in the above is the following amount:		
Steamboats subject to a special City Tax		271,900 00
Included in the above is the following amount:		
Quasi-Public Corporations Exempt from City Tax		2,812,830 00

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ABSTRACT OF VALUES 1877 TO 1903.

The total assessment of the City of St. Louis for the year 1876, the year previous to the enforcement of the Scheme and Charter, was $166,441,110.00. For the same year the County was assessed for $38,896,450.00. For the ensuing years the total assessment of the City was as follows:

YEAR.	Real.	Personal.	Total
1877	$148,012,750	$33,332,810	$181,345,560
1878	140,976,540	31,853,440	172,829,980
1879	136,071,670	27,742,250	163,813,920
1880	135,824,980	27,668,020	160,493,000
1881	139,897,470	27,466,760	167,364,230
1882	161,679,250	30,040,280	191,719,530
1883	161,621,790	29,900,700	191,522,490
1884	178,592,980	33,221,960	211,814,940
1885	177,857,240	30,053,110	207,910,350
1886	185,025,060	30,996,080	216,021,140
1887	187,088,120	32,326,760	219,414,880
1888	195,978,250	31,191,730	227,169,980
1889	196,185,840	34,152,970	230,338,810
1890	214,971,060	33,856,770	248,827,830
1891	215,353,380	39,779,710	255,132,690
1892	243,239,240	41,279,410	284,518,550
1893	242,737,430	45,088,990	287,826,420
1894	270,288,800	45,033,760	315,292,560
1895	286,098,900	44,387,740	330,486,640
1896	296,419,690	49,520,460	345,940,150
1897	299,635,220	45,114,480	344,749,700
1898	317,975,540	50,541,120	368,516,660
1899	330,021,710	44,489,060	374,510,770
1900	337,201,940	43,721,390	380,923,330
1901	342,325,540	52,470,160	394,795,700
1902	357,699,580	60,344,890	418,044,470
1903	365,633,250	78,232,310	443,865,560

Respectfully,

JOHN J. O'BRIEN,
President Board of Assessors.

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ANNUAL REPORT

——OF THE——

Inspector of Weights and Measures

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

Office of Inspector of Weights and Measures,
Room 21, New City Hall.

St. Louis, September 26, 1094.

Honorable Rolla Wells, Mayor of the City of Saint Louis:

Dear Sir—I respectfully submit herewith a report of the Receipts, Disbursements and Inspections of this Department for the fiscal year ending April 11, 1904, as follows:

Receipts from Inspections	**$**	**10,941 75**
Disbursements		**8,148 98**
Excess of Receipts over Disbursements		**2,792 77**
Number of Scales Inspected		**16,383**
Number of Measures Inspected		**21,849**

Yours respectfully,

P. J. McMAHON,

Inspector Weights and Measures.

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ANNUAL REPORT

——OF——

L. F. HAMMER, JR.,

COLLECTOR OF THE REVENUE,

——OF THE——

CITY OF ST. LOUIS,

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

St. Louis, April 12, 1904.

Hon. Rolla Wells,
Mayor, City of St. Louis.

Dear Sir—In pursuance of the provisions of Section 47, Article 4, of the City Charter, I have the honor to submit the Annual Report of Collections from April 14, 1903, to April 12, 1904, (both days inclusive) made by me.

COLLECTIONS FOR THE STATE.

Taxes and Interest.

Current Taxes, 1903	$ 735,133 55		
Back Taxes, 1903	5,962 20		
Back Taxes, 1902	46,041 99		
Back Taxes, 1901	15,536 16		
Back Taxes, 1900	9,291 75		
Back Taxes, 1899	6,291 16		
Back Taxes, 1898	3,801 10		
Back Taxes, 1897	318 20		
Back Taxes, 1896	227 60		
Back Taxes, 1895	154 00		
Back Taxes, 1894	95 95		
Back Taxes, 1893	75 05		
Back Taxes, 1892	2 70		
Back Taxes, 1891	1 95		
Back Taxes, 1890	64		
Delinquent Personal, 1903	257 56		
Delinquent Personal, 1902	3,619 05		
Delinquent Personal, 1901	779 80		
Delinquent Personal, 1900	599 80		
Delinquent Personal, 1899	296 20		
Delinquent Personal, 1898	268 75		
Delinquent Personal, 1897	33 43		
Delinquent Personal, 1896	29 55		
Delinquent Personal, 1895	15 95		
Delinquent Personal, 1894	19 40		
Delinquent Personal, 1893	9 70		
Delinquent Personal, 1892	9 60		
Delinquent Personal, 1890	45	$	828,862 24

State Licenses.

Dramshop	$	262,623 80	$ 1,091,486 04
Total Collections for the State			$ 1,091,486 04

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COLLECTIONS FOR THE PUBLIC SCHOOLS

Taxes and Interest.

Current Taxes, 1903	$ 2,040,842 83	
Back Taxes, 1903	16,532 96	
Back Taxes, 1902	73,666 70	
Back Taxes, 1901	24,858 43	
Back Taxes, 1900	14,866 27	
Back Taxes, 1899	10,066 84	
Back Taxes, 1898	6,081 28	
Back Taxes, 1897	510 16	
Back Taxes, 1896	363 66	
Back Taxes, 1895	246 40	
Back Taxes, 1894	153 22	
Back Taxes, 1893	121 76	
Back Taxes, 1892	4 34	
Back Taxes, 1891	2 54	
Back Taxes, 1890	87	
Delinquent Personal, 1903	715 34	
Delinquent Personal, 1902	5,789 55	
Delinquent Personal, 1901	1,248 07	
Delinquent Personal, 1900	959 04	
Delinquent Personal, 1899	472 03	
Delinquent Personal, 1898	431 16	
Delinquent Personal, 1897	53 58	
Delinquent Personal, 1896	47 48	
Delinquent Personal, 1895	25 52	
Delinquent Personal, 1894	31 20	
Delinquent Personal, 1893	15 56	
Delinquent Personal, 1892	15 32	
Delinquent Personal, 1890	60	$ 2,198,122 73
Total Collections for the Public Schools		$ 2,198,122 73

COLLECTIONS FOR THE CITY.

Taxes and Interest.

Current Taxes, 1903	$ 5,893,758 20	
Back Taxes, 1903	48,926 83	
Back Taxes, 1902	241,562 05	
Back Taxes, 1901	78,496 07	
Back Taxes, 1900	48,623 45	
Back Taxes, 1899	32,919 42	
Back Taxes, 1898	21,418 94	
Back Taxes, 1897	1,800 42	
Back Taxes, 1896	1,288 95	
Back Taxes, 1895	874 59	
Back Taxes, 1894	543 67	
Back Taxes, 1893	433 10	
Back Taxes, 1892	15 11	
Back Taxes, 1891	9 30	
Back Taxes, 1890	2 49	
Delinquent Personal, 1903	2,100 86	
Delinquent Personal, 1902	18,751 51	
Delinquent Personal, 1901	3,891 22	
Delinquent Personal, 1900	3,112 69	
Delinquent Personal, 1899	1,528 92	
Delinquent Personal, 1898	1,506 21	
Delinquent Personal, 1897	187 60	
Delinquent Personal, 1896	166 27	
Delinquent Personal, 1895	89 55	
Delinquent Personal, 1894	108 90	
Delinquent Personal, 1893	54 47	
Delinquent Personal, 1892	53 70	
Delinquent Personal, 1890	2 25	$ 6,402,226 74
Sprinkling Taxes, 1903	$ 168,323 04	
Sprinkling Taxes, 1902	20,283 34	
Sprinkling Taxes, 1901	4,258 59	
Sprinkling Taxes, 1900	3,464 84	
Sprinkling Taxes, 1899	1,407 35	
Sprinkling Taxes, 1898	1,642 85	
Sprinkling Taxes, 1897	717 21	
Sprinkling Taxes, 1896	529 04	
Sprinkling Taxes, 1895	345 40	
Sprinkling Taxes, 1894	252 59	
Sprinkling Taxes, 1893	142 82	
Sprinkling Taxes, 1892	153 79	
Sprinkling Taxes, 1891	66 68	
Sprinkling Taxes, 1890	18 57	
Sprinkling Taxes, 1889	8 86	
Sprinkling Taxes, 1888	5 15	$ 201,620 12

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Dramshop	$ 1,255.531 10		
Weigher's Tickets	18,956 08		
Union Market Rents	33,126 82		
Soulard Market Rents	441 70		
South Market Rents	78 00		
Register's Fees	2,518 00		
Rent Bills	4,058 41		
Poor House Bills	5,496 98		
Jail Bills	1,277 10		
Insane Bills	9,270 80		
Cost and Interest on Street Openings	2,578 75		
Quarantine Bills	100 00		
Wharfage	85,524 62		
Opening Streets	59,909 89	$ 1,478,868 25	$ 8,082,715 11[e]
Total Collections for the City			$ 8,082,715 11[e]

RECAPITULATION.

COLLECTED FOR THE STATE—			
Taxes and Interest	$ 828,862 24		
Licenses	262,623 80	$ 1,091,486 04	
COLLECTED FOR THE PUBLIC SCHOOLS—			
Taxes and Interest		$ 2,198,122 73[d]	
COLLECTED FOR THE CITY—			
Taxes and Interest	$ 6,402,226 74[e]		
Licenses, Wharfage and Spl. Taxes	1,478,868 25		
Sprinkling Taxes	201,620 12	$ 8,082,715 11[e]	
Commissions Collected on Back and Delinquent Personal Taxes		15,351 54	$ 11,387,675 43
Total Collections for the State, Public Schools and City			$ 11,387,675 43

DISBURSEMENTS.

Amount paid into the State Treasury	$ 1,079,457 36		
Amount paid into the Public School Treasury	2,186,602 17		
Amount paid in the City Treasury	7,994,677 80	$ 11,260,737 33	
Commissions on Current Taxes, State and City Licenses and Sprinkling Taxes		$ 111,586 56	
Commissions on Back and Delinquent Personal Taxes		$ 15,351 54	$ 11,387,675 43

COMMISSION ACCOUNT.

Commissions on Current Taxes, State and City Licenses and Sprinkling Taxes		$ 111,586 56	
Commissions Back and Delinquent Personal Taxes		$ 15,351 54	$ 126,938 10

DISBURSEMENTS OF COMMISSIONS.

Salaries of Collector and Deputies	$ 71,007 20		
Expenses	19,845 88	$ 90,853 08	
SURPLUS COMMISSIONS AS FOLLOWS—			
To the State	$ 3,872 11		
To the Public Schools	3,738 24		
To the City	28,474 67	$ 36,085 02	$ 126,938 10

Respectfully submitted,

L. F. HAMMER, JR.,

Collector of the Revenue.

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ANNUAL REPORT

——OF THE——

Inspector of Boilers and Elevators,

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

Hon. Rolla Wells, Mayor City of St. Louis:

Sir—I have the honor to submit to you my annual report of the receipts and disbursements of this office for the fiscal year just closed, together with a statement of the services rendered by the Board of Engineers.

I have taken all my figures from the official report of the City Comptroller, as I found the figures given in the annual reports of my predecessor did not correspond with the Comptroller's report, and were not correct.

EXPENDITURES.

	Year 1904.
Pay rolls, Inspector, Deputies and Clerk	$ 9,000 00
Pay rolls, Board of Engineers	416 00
Apparatus and repairs	34 51
Stabling, Shoeing, etc.	833 01
Horse Hire	28 50
Harness and repairs	24 40
Office expenses, Furniture, etc.	599 05
Car tickets	400 00
Printing and Stationery	572 75
Wagons and repairs	225 15
Total	$ 12,133 37

RECEIPTS.

Paid into Treasury, account Boilers	$ 9,860 00
Paid into Treasury, account Elevators	4,264 00
Paid into Treasury, account Applicants	436 00
Total Collections paid Treasurer	$ 14,560 00
Total Expenses	12,133 37
Paid Treasurer over and above expenses	$ 2,426 63

WORK DONE BY DEPARTMENT.

Number of Boilers collected for	1,972
Number of Boilers to be collected for	119
Number of Boilers in City Institutions	75
Number of Elevators collected for	4,264
Number of Elevators to be collected for	60
Number of fees of Applicants collected for	218

WORK PERFORMED BY THE BOARD OF ENGINEERS.

Number of Licenses renewed	1,475
Number of Applicants for licenses	215
Number of Applicants rejected	209
Number of Applicants qualified	6
Number of Applicants not yet examined	208
Number of licenses expired, examined and passed	2
Number of special permits granted and renewed	35

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In the conduct of this office, I consider the thoroughness of all inspections required by law to be made for the protection of the public, as the chief consideration, not the revenue derived therefrom.

I call your honor's attention to the large number of applicants for engineers' license, now awaiting examination.

The Board of Engineers find they cannot do justice to more than the number they now examine in the limited space of time provided by law.

With the addition of the two deputies recently allowed my office, I am now inspecting many boilers and elevators which have for years escaped inspection.

Respectfully submitted,

JOS. G. BRANCH,

Inspector of Boilers and Elevators.

GEO. KINGSLAND,
W. F. WAUL,
Members of the Board of Engineers.

Hon. Rolla Wells, Mayor City of St. Louis:

Sir—I have the honor to submit to you my annual report of the receipts and disbursements of this office for the fiscal year just closed, together with a statement of the number of boilers and elevators inspected, also a statement of the services rendered by the Board of Engineers.

I have also included a comparative tabulated statement of the receipts and expenses and the work done in my Department for the fiscal years ending April, 1899, 1900, 1901, 1902, 1903.

I have taken all my figures from the official reports of the City Comptroller, as I found that such reports alone could be relied on as correct.

For this reason I have not filled in the years of 1901, 1902 and 1903, as I found that the figures given in the annual reports of my predecessor, did not correspond with those of the City Comptroller.

In the conduct of this office I consider the thoroughness of all inspections required by law to be made for the protection of the public, as the chief consideration, not the revenue derived therefrom.

I call your honor's attention to the large number of applicants for engineers' license, now awaiting examination.

The Board of Engineers find they cannot do justice to more than the number they now examine in the limited space of time provided by law.

With the addition of the two deputies recently allowed my office, I am now inspecting many boilers and elevators which have heretofore escaped inspection for years.

Respectfully submitted,

JOS. G. BRANCH,

Inspector of Boilers and Elevators.

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EXPENDITURES.

	1899.	1900.	1901.	1902.	1903.	1904.
Pay rolls, Inspector, Deputies and Clerk	$ 9,000 00	$ 9,000 00	.....	.....	.....	$ 9,000 00
Pay rolls, Board of Engineers	416 00	364 00	.....	.....	.....	416 00
Apparatus and repairs	74 50	27 75	.....	.....	.....	34 51
Stabling, Shoeing, etc.	777 90	827 50	.....	.....	.....	833 01
Horse Hire	120 00	76 00	.....	.....	.....	28 50
Harness and Repairs	88 90	42 15	.....	.....	.....	24 40
Office expenses, Furniture, etc.	167 58	80 00	.....	.....	.....	599 05
Car tickets	200 00	225 00	.....	.....	.....	400 00
Printing and Stationery	361 83	494 45	.....	.....	.....	572 75
Wagons and repairs	338 90	380 45	.....	.....	.....	225 15
Total	$ 11,545 61	$ 11,517 30	.....	.....	.....	$ 12,133 37

RECEIPTS.

Paid into Treasury, account Boilers	$ 7,810 00	$ 9,545 00	.....	.....	.....	$ 9,860 00
Paid into Treasury, account Elevators	4,453 00	4,397 00	.....	.....	.....	4,264 00
Paid into Treasury, account applicants	418 00	372 00	.....	.....	.....	436 00
Total collections paid Treasurer	$ 12,681 00	$ 14,314 00	$ 14,144 00	$ 13,874 00	$ 12,748 00	$ 14,560 00
Total Expenses	11,545 61	11,517 30	12,006 88	11,853 04	11,334 68	12,133 37
Paid Treasurer over and above expenses	$ 1,135 39	$ 2,796 70	$ 2,137 12	$ 2,020 96	$ 1,413 32	$ 2,426 63

WORK DONE BY DEPARTMENT.

Number of Boilers collected for	1,562	1,919	.....	.....	.....	1,972
Number of Boilers to be collected for	107	30	.....	.....	.....	119
Number of Boilers in City Institutions	26	26	.....	.....	.....	75
Number of Elevators collected for	4,453	4,397	.....	.....	.....	4,264
Number of Elevators to be collected for	30	75	.....	.....	.....	60
Number of fees of Applicants collected for	209	186	.....	.....	.....	218

WORK PERFORMED BY THE BOARD OF ENGINEERS.

Number of licenses renewed	1,414	1,518	.....	.....	.....	1,475
Number of Applicants for licenses	209	220	.....	.....	.....	215
Number of Applicants rejected	108	149	.....	.....	.....	209
Number of Applicants qualified	101	35	.....	.....	.....	6
Number of Applicants not yet examined	15	34	.....	.....	.....	208
Number of licenses expired, examined and passed	.....	2	.....	.....	.....	2
Number of special permits granted and renewed	21	86	.....	.....	.....	35

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ANNUAL REPORT

——OF THE——

CITY WORKHOUSE

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

Hon. Rolla Wells, Mayor City of St. Louis:

Sir—In compliance with the provisions of the City Charter, I have the honor to submit herewith the following annual report of the management of this institution, as well as the business transacted during the fiscal year ending April 11, 1904, including detailed statements of appropriations and expenditures, the number of male and female prisoners confined, and the respective amounts of labor performed by same, as well as the cost of maintenance of officers and prisoners, etc. According to the records of the institution the receipts and earnings amounted to $53,456.80, while the total expenditures amounted to $63,410.60, a difference of $9,953.80. There is no change to be reported in the kind of labor being performed by the prisoners. A greater number of the male prisoners are employed in quarrying and making up rip-rap and macadam, while the remaining number are employed in grading and shaping public streets and alleys, while a great amount of grading, etc., has not been accomplished during the past year, owing partly to the long continuous siege of bad weather, and the bad condition of the streets, and the necessity of keeping most of the prisoners in the quarry getting out macadam for the street department. Among the inmates of this institution are always a number of skilled mechanics of one kind or another, and whenever practicable are employed looking after the repairing of prison buildings, also the improvement of grounds, repairing of tools, implements, shoes, harness, wagons, and horseshoeing. A number of male prisoners have also been employed as usual in looking after the large vegetable garden, adjoining the prison grounds; in this way many vegetables are raised which not only materially lessen the cost of maintenance of prisoners, but also furnish a healthy and suitable diet for prisoners required to perform manual labor. The female prisoners are obliged to look after the washing, ironing, sewing and mending of clothes of the inmates of the institution, as well as scrub the various buildings, and granitoid walks. During the past fiscal year the old roadway from the prison grounds to the quarry has been abandoned in order to get out the vast amount of rock which underlies it. A new roadway was built from the north end of the quarry to the prison grounds, necessitating the making of a new gate and closing the old one, and immense amount of earth was removed in cutting this roadway, part of which was used in filling an old cistern located partly under the women's building and threatened the foundation of same, the balance was dumped on the river front, amounting to something like 4,700 cart loads. The superintendent's house has been painted both in and outside, as well as all the woodwork on the various prison buildings, all done by prison labor. We also erected a green house in the gardens, in which we were able to raise some vegetables and keep the many different kinds of flowers during the winter months. The crowded condition of the workhouse during the past several months is something that I earnestly ask to be rem-

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edied. We are now compelled to put twelve men in each cell, which greatly overcrowds them. I sincerely trust that immediate steps be taken to put an addition to the men's building, for at the present rate of increase in the number of daily prisoners, we will have nowhere to house them, and considering the great influx of all kinds of criminals to the city during the World's Fair, we confidently expect that there will be 700 prisoners or more here during the next few months.

The general health of the prisoners has been good, although there are exceptional cases, and to a certain degree the greater number of inmates of an institution of this kind are persons who, by their past conduct and lives have either contracted or come in contact with various diseases, and in many instances they have become chronic; only two deaths have occurred here during the past year, and five at the City Hospital after being sent there for treatment. By a comparison with the statement of the regular physician, Dr. Albert Schuck, who makes daily visits to the institution, the health of the prisoners may be reported as exceptionally good.

During the past year one mule has been condemned, and one died; also one cow died, and two new ones purchased. I also wish to mention that the beds and bedding for the prisoners are in very bad condition, and should be repaired at once, or new ones purchased.

In conclusion, I would ask that there be at least five more guards appointed, as the new crusher will soon be in operation and the present force of guards are not sufficient to handle the fast increasing number of prisoners.

The following tabulated statements will furnish all necessary information concerning the government of the workhouse.

Respectfully submitted,

ANDREW SCULLY,

Superintendent.

FINANCIAL STATEMENT OF THE ST. LOUIS WORKHOUSE FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

ANNUAL APPROPRIATION UNDER ORDINANCE NO. 21,171.

For salaries of Superintendent and employees	$23,000.00	
For groceries and provisions, fuel, ice and bread	29,000.00	
For drugs, hospital supplies, dry goods, etc	4,000.00	
For forage	5,000.00	
For hardware, tools, guns, powder, etc	2,500.00	
For attending charity conventions	150.00	
For mules	1,000.00	
For cows	90.00	
For labor and material, repairs of buildings, etc	1,200.00	
For bills unpaid at the beginning of the fiscal year	337.45	
		$66,277.45
For cooking apparatus in prisoner's kitchen	700.00	
For shingle roof on Superintendent's residence	150.00	
Total appropriation		$67,127.45
Total expenditures		$63,410.60

MONTHLY STATEMENT OF RECEIPTS AND EXPENDITURES.

1903.	Receipts.	1903.	Expenditures.
April	$ 5,458.17	April	$ 5,443.83
May	4,162.10	May	4,916.11
June	2,934.70	June	5,161.64
July	2,551.90	July	4,708.56
August	6,910.93	August	5,072.62
September	6,007.08	September	5,532.65
October	5,197.13	October	4,881.66
November	5,713.68	November	5,362.04
December	3,300.05	December	5,533.11
1904.		1904.	
January	2,417.20	January	5,359.91
February	2,057.58	February	5,060.78
March	6,746.28	March	6,377.69
Total	$53,456.80	Total	$63,410.60

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DETAILED STATEMENT OF EARNINGS.

By Fines and fees collected, Police cases	$ 8,756.30
By fines and fees collected, Crim. and Cor. Court cases	116.95
By macadam furnished to Street Department	22,244.75
By macadam hauled and repaired streets with same	312.50
By cleaning streets and crossings	47.00
By grading streets and alleys	2,028.08
By rip rap furnished to Harbor and Wharf	14.00
By rip rap furnished to Water Department	358.00
By rip rap furnished to Street Department	1,360.00
By hauling cinders for repairs of sidewalks	278.75
By one condemned mule	30.80
By stripping done in quarry	12,570.00
By sundry repairs of public streets and alleys	217.50
By grading and filling for new switch	824.00
By grading, excavating and concreting for crusher	1,396.00
By unloading crusher off cars	90.00
By macadam furnished for new crusher	726.00
By labor furnished in erecting new crusher	190.00
By labor and material at House of Refuge	1,237.75
By labor and material to build green house	602.50
By erecting iron rail fence around lawns	20.00
By making cinder walks with stone curbings	36.00
Total	$53,456.80

DETAILED STATEMENT OF EXPENDITURES.

Salaries of Superintendent and employees	$21,959.76	Vehicles and repairs	115.00
Groceries and provisions	5,041.41	Plants and seeds	50.19
Fuel	2,641.19	Medical attendance to live stock	4.50
Ice	386.21	Powder, fuse, etc	1,142.91
Meats and fish	11,282.29	Office expenses	97.60
Bread	8,447.92	Miscellaneous expenses	242.29
Drugs, medicines, hospital supplies, etc	335.87	Cow	53.00
Dry goods, clothing, etc	1,327.33	Labor and material	1,095.41
Shoes and findings	681.86	Shingling roof on Supt.'s house	150.00
Housefurnishing goods, furniture, etc	1,652.49	Traveling expenses	92.20
Forage	4,064.57	Unpaid bills at the beginning of the fiscal year	337.45
Hardware and tools	1,967.10	Total	$63,410.60
Harness and repairs	252.06		

SUMMARY OF WORK DONE DURING THE YEAR.

GRADING.

Cubic yards of earth removed in cutting, filling and shaping streets and alleys	8,200

QUARRYING.

Macadam furnished to Street Department, squares	9,079[50]
Rip rap furnished to Harbor and Wharf, squares	7
Rip rap furnished to Water Department, squares	179
Rip rap furnished to Street Department, squares	680

LOCATION OF WORK DONE BY GRADING GANGS.

Alley in City Block No. 2750.
Pennsylvania avenue between Delor and Itasca streets.
Michigan avenue and Delor street.
Arsenal street between Second street and Broadway.

PRISONERS' ACCOUNT.

RECEIVED.				DISCHARGED.			
1903.	Male.	Female.	Total.	1903.	Male.	Female.	Total.
April	207	56	263	April	203	71	274
May	174	78	252	May	205	62	267
June	186	83	269	June	176	95	271
July	217	99	316	July	154	80	234
August	231	118	349	August	243	129	372
September	211	89	300	September	220	105	325
October	224	67	293	October	236	72	308
November	208	62	270	November	167	67	234
December	217	65	282	December	223	81	304
1904.				1904.			
January	181	53	234	January	168	54	222
February	203	40	243	February	170	38	208
March	252	75	327	March	210	60	270
Total	2511	887	3398	Total	2375	914	3289

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	Male.	Female.	Total.
Number of prisoners confined April 1, 1903	301	82	383
Number of prisoners received during the fiscal year	2511	887	3398
Total	2812	969	3781
Number of prisoners discharged during the fiscal year	2375	914	3289
Number of prisoners confined April 1, 1904	437	55	492
Daily average number of prisoners confined during the fiscal year			399 3-12
Daily average number of male prisoners confined during the fiscal year			320 8-12
Daily average number of female prisoners confined during fiscal year			78 4-12

COURTS FROM WHICH THEY WERE COMMITTED.

Received from First, Second and Wyoming Street Police Courts	2611
Received from Court Criminal Correction	748
Received from Criminal Court	39
Total	3398

AGES OF PRISONERS.

	Police Courts.	Criminal Courts.	Total.
From 15 to 20	509	162	671
From 20 to 30	655	298	1153
From 30 to 40	598	231	829
From 40 to 50	429	74	503
From 50 to 60	168	16	184
From 60 to 70	48	6	54
From 70 to 80	4	..	4
Total	2611	787	3398

OFFENSES FOR WHICH THEY WERE COMMITTED.

Violation of the City Ordinances	2611	Bigamy	1
Petit larceny	542	Assault to kill without malice	12
Grand larceny	4	Larceny from railroad car	1
Carrying concealed weapons	80	Obtaining goods under false pretense	2
Assault and battery	32	Forgery	2
Common assault	25	Larceny from person in night time	1
Assault to kill	6	Malicious trespass	7
Embezzlement	16	Larceny from dwelling house	2
Obtaining money by false pretenses	10	Simple assault	2
Wife abandonment	4	Larceny by trick	1
Robbery first degree	3	Embezzlement by Bailee	6
Receiving stolen property	1	Manslaughter 4th degree	3
Malicious destruction of property	7	Assault to maim	1
Obtaining money on bogus check	2	Attempted blackmail	1
Child abandonment	4	Disposing of chattel mortgage	1
Robbery 2nd degree and larceny	4	Slander	1
Assault to ravish	1	Total	3398
Working as barber without license	2		

DISPOSITION OF PRISONERS—HOW DISCHARGED.

Expiration of fines and sentences	2443
Balance of fine and costs paid	608
Remits by Mayor on good behavior	63
Remits by Mayor to leave City	2
Remits by Mayor on payment of costs	6
Escaped	11
Died in Hospital	5
Died in Workhouse	2
Paroled	26
Pardoned by the Governor	1
Order of Court	81
Appeals	33
Killed by accident	1
Insane Asylum	2
Habeas Corpus	1
Sentence commuted	4
Total	3289

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NATIONALITIES.

	Police Courts.		C. C. C. and C. C. Courts.		
	Male.	Female.	Male.	Female.	Total.
United States (white)	928	307	372	19	1626
United States (colored)	555	369	288	52	1264
Germany	91	14	22	1	128
Ireland	90	94	9	2	195
England	22	18	7	1	48
Scotland	3	1	..	1	5
France	4	..	4	..	8
Austria	18	..	4	..	22
Russia	8	6	2	..	16
Prussia	3	..	..	..	3
Italy	9	..	2	..	11
Poland	5	..	2	..	7
Denmark	3	..	..	..	3
Switzerland	5	1	..	..	6
Bohemia	5	..	1	..	6
Canada	12	1	1	..	16
Mexico	1	..	1	..	2
Belgium	1	..	1	..	2
Turkey	..	..	1	..	1
Sweden	14	..	1	..	15
Norway	3	..	..	..	3
Holland	6	..	..	..	6
Australia	2	..	..	..	2
Greece	..	..	1	..	1
Alsace	1	..	..	..	1
Hungary	1	..	..	..	1
Total	1790	811	721	76	3398

SEWING DONE BY FEMALE PRISONERS.

Making denim shirts for prisoners	560
" duck pants for prisoners	474
" dresses and waists for prisoners	275
" aprons for prisoners	110
" underwear for prisoners	315
" bed ticks for prisoners	168
" gloves, pairs, for prisoners	560
Mending pants and shirts for prisoners	1127
" underwear for prisoners	1645
" dresses and waists for prisoners	1005
" gloves, pairs, for prisoners	375
" bed ticks for prisoners	93
" aprons for prisoners	164
Making tablecloths	18
" napkins	54

HOW PRISONERS WERE EMPLOYED.

Number of days in quarry	37415
" " " " grading	3920
" " " " yard	3672
" " " " stable	2840
" " " " kitchen	2190
" " " " garden	1755
" " " " blacksmith shop	2260
" " " " whitening	510
" " " lost by sickness	727

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ANNUAL REPORT

——OF THE——

BOARD OF MANAGERS

——OF THE——

HOUSE OF REFUGE.

St. Louis, Mo., April 11, 1904.

Hon. Rolla Wells, Mayor, City of St. Louis, and the Board of Managers of the St. Louis House of Refuge:

Gentlemen—In compliance with the requirements of the City Charter, I have the honor to submit my first annual report, the same being the fiftieth since the organization of this institution.

With the exception of a few cases of minor ailments, the health of the children has been exceptionally good. There has not been a serious case of sickness during the past year. We attribute this phenomenal condition of health to plain but substantial diet and strict attention to the sanitary conditions of the institution.

By permission of your Honorable Board, I went before the Board of Education last August and succeeded in purchasing from them for the sum of $508.00 a complete set of books for the first six grades, therefore I am pleased to say that the course of study now taught in the schools of this institution is identical with the instructions given in the City Public Schools. Seven competent teachers are employed with a view to their fitness to handle the class of children received here.

I have recently fitted up three reading rooms, which are open to the children Saturdays, Sundays, holidays and every evening. They are encouraged to use them as much as possible, as I think their minds should be occupied at all times, thus keeping them from thinking of their troubles and confinement.

The instructions given in our manual training department are making and mending shoes, baking, carpentering, painting, blacksmithing, engine room and machine work, gardening, dressmaking, tailoring, cooking and house work. Only a reasonable amount of work is required of the children.

Catholic and Protestant services are held at different hours Sunday morning and each denomination attends its own church. In the afternoon a non-sectarian Sunday school is held which all attend.

While our school rooms and chapel lay the foundation for the characters of these children, we must remember that to become wage earners they must also be taught the use of their hands and the nobility of honest labor. For that reason, the industrial training in our institution should be considered as one of the most important branches of our educational system, and I know of nothing of so much importance which can be done for a boy as giving him a trade by which he can make a living, and the girl a thorough knowledge of domestic work, cooking and sewing, and, if possible, such other training as she may be specially fitted for.

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But after all, much which might have been accomplished would be lost, did we not as far as is consistent place these children upon their honr. We have lately established an honor department, to which children are transferred when they show by their good conduct and attention to their work and studies that they are entitled to the promotion. These children have the freedom of the grounds, as I think far better that one boy should get away occasionally than to deprive 100 boys of their freedom and thus wound their sense of honor.

I wish to briefly mention some of the improvements which have been made during the past year in addition to keeping all the buildings in repair, which has been accomplished without employing any other help than the inmates.

A hot water heating plant has been installed in the superintendent's residence and green houses which were formerly heated by stoves.

I have added a power sifter, elevator, storage bins and a stock room to the bakery, which were much needed on account of the large amount of bread I was called on to bake for other city institutions.

A coal house has been erected adjoining the engine room with 100 tons capacity, for the purpose of storing coal.

A new corrugated iron roof has been put on the play shed of the boys' department.

Two hundred individual lockers have been placed in the boys' dormitory, for the exclusive use of the boys, so that each boy may keep his clothes separate from the others. One hundred and eighty lockers have been placed in the girls' dressing room adjoining the bath room of the girls' house, for their individual use.

A full set of shelving has been placed in the store room to enable the store keeper to properly care for the manufactured goods as they are sent there from the different departments.

A first-class sanitary bath room has been established in the girls' building, consisting of ten porcelain lined bath tubs and sixteen stationary wash stands with hot and cold water attachments, at a cost of $784.00 for material. This was done to take the place of a pool where 119 children formerly bathed in common.

Thirty new tables have been made in the carpenter shop, for use in the dining and reading rooms.

All the shoes and clothing have been made in the institution.

During the past winter we have propagated in the neighborhood of 20,000 plants of various kinds, which will be used to beautify the premises.

With the assistance of Mr. Scully, Superintendent of the City Workhouse, we have reclaimed considerable waste land which will be added to our garden.

Also the following painting has been done:

The Hospital building and the boys' building, inside and out. The Chapel and school buildings, superintendent's residence, green houses, stables, lumber and storage houses, girls' play shed, and all of the fences have been painted on the outside. The delinquent boys' dormitory, the dining room, bath room, dressing room, library and the infants' room in the girls' building, have been painted on the inside.

The painting class is still at work in the girls' building.

Numerous granitoid sidewalks are being laid about the premises.

There has also been purchased and placed in the laundry, at a cost of $500.00, a first-class washing machine, with a capacity of 125 garments per hour, and two large settling tanks, to enable us to have clear water for washing purposes.

A new sewing machine has been placed in the shoe factory and numerous tools in the carpenter, blacksmith and machine shops, also a new mud drum in the boiler room.

There has also been purchased a pair of black horses, a manure wagon and a dump cart, also various agricultural implements for use in the garden.

Seventy-two white enameled iron bads with mattresses, etc., have

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been installed in the girls' dormitory to supplant the old cots heretofore used.

The tables in the inmates' dining rooms are now furnished with china and glassware in place of the tin plates and cups formerly in use.

A parlor has been neatly furnished where employes may receive visitors.

I hereto attach tables showing the movement of the population and the financial statement for the fiscal year ending April 1, 1904.

Respectfully submitted,

A. P. RICHARDSON,

Superintendent.

REGULAR COMMITMENTS FOR FISCAL YEAR ENDING APRIL 1, 1904.

Boys (white)	141		Girls (white)	25	
Boys (colored)	51		Girls (colored)	3	
Total		192	Total		28
Grand total					220

REGULAR DISCHARGES.

Boys (white)	121		Girls (white)	27	
Boys (colored)	35		Girls (colored)	8	
Total		156	Total		35
Grand total					191

DETENTION RECEIPTS—HELD FOR TRIAL.

Boys (white)	221		Girls (white)	24	
Boys (colored)	86		Girls (colored)	8	
Total		307	Total		32
Grand total					339

DETENTION DISCHARGES.

Boys (white)	216		Girls (white)	23	
Boys (colored)	78		Girls (colored	7	
Total		294	Total		30
Grand total					324

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FINANCIAL STATEMENT FOR THE FISCAL YEAR ENDING APRIL 1, 1904.

Bills unpaid at the beginning of the fiscal year	.....
Salaries of officers and employes	$17,258 99
Salaries of girls' industrial training school	1,974 58
Salaries of boys' manual training school	3,000 00
Groceries and provisions	6,979 34
Meat and fish	5,532 53
Vegetables, potatoes, etc.	480 09
Ice	184 34
Fuel	3,399 29
Bread	2,129 09
Drugs and medicines	915 45
Medical attendance	600 00
Dry goods, clothing and bedding	4,673 37
House furnishing goods and furniture	2,218 54
Forage	707 97
Shoeing horses, repairing vehicles and harness	311 70
Rewards to inmates	39 25
Printing, stationery and school books	548 99
Oils, packing, waste and tools used by engineer	152 61
Material for repairing fences and maintaining grounds	653 00
Christmas and Easter expenses	.....
Miscellaneous expenses	313 70
Boys' manual training school, tools and machines	377 43
Labor and material for repairs of buildings	2,743 02
Repairs of boilers, machinery and steam apparatus	240 23
Attending conference of Charity and Correction	176 30
Sending children to relatives residing at a distance	.....
New washing machine and equipment for laundry	496 74
New farm wagon and dump cart	113 50
Total	$56,209 96
Net receipts from the bakery	$702 59

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ANNUAL REPORT

——OF THE——

Assessor and Collector of Water Rates

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

Office of Assessor and Collector of Water Rates.

St. Louis, April 12, 1904.

Hon. Rolla Wells, Mayor of the City of St. Louis:

Sir—In conformity with the provisions of Charter and Ordinance, I have the honor to submit for the information of the Executive and Legislative Departments of the City Government the following report on the operations of this office for the fiscal year ending April 11, 1904.

The subjoined tables will supply the statistics for the year as indicated by the respective headings.

Table No. 1.—Receipts for the past year.

Table No. 2.—Receipts for the previous year.

Table No. 3.—Showing the losses each month during the past fiscal year on account of reduction in rates.

Table No. 4.—Comparative statement of the sources of revenue for the fiscal years from 1901-1902 to 1903-1904.

Table No. 5.—Number, size and kinds of meters now in use and placed during the year, and number of hydraulic elevators.

Table No. 6.—A comparative statement of meters and elevators in use, and the revenue derived therefrom.

Table No. 7.—Number and size of taps granted during the year, and the amount received therefrom.

Table No. 8.—Daily collections from all sources.

Table No. 9.—Yearly and total revenue derived from the Water Works since date of introduction.

Table No. 10.—Collections by calendar years.

Table No. 11.—Revenue collected each year since 1870, and the per cent of cost for collecting same.

Table No. 12.—Public institutions supplied with water free of charge.

Table No. 13.—Average daily consumption of water.

In my last year's report I estimated that the reductions already made would make a difference in the water revenue of more than $250,000 annually. During the part of the fiscal year 1902-1903 when the reductions were in force the loss was $156,853. During the part of the fiscal year just ended, when the rates as compared with the preceding year were lower, the difference in collections on account of the reductions made January 1, 1903, was $121,318, making a total difference in collections, on account of said reductions, of $278,171 annually. A reference to Table No. 1 shows the collections of the fiscal year just ended amounted to $1,707,573.75, and Table No. 2 shows the collections

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of the preceding fiscal year amounted to $1,748,541.21, a decrease of $40,967.46 for the fiscal year just ended. As stated above, the difference in collections during the past fiscal year on account of reductions in rates was $121,318, a detailed statement of which is shown in Table No. 3, and, therefore, had the same rates been in force this year as last, the collections for the year would have shown a gain of $80,350.54.

Although the percentage of cost of collecting the revenue for the year just ended was 3.75 per cent, as compared with 3.68 per cent the preceding year, I am glad to be able to state that our expenses were less, as shown in Table No. 11.

There has been considerable agitation in reference to reducing meter rates very materially, and I can only reiterate what I stated in my last annual report, that it will be necessary to use great caution in making any further reduction, as the bill now pending would make a further difference in collections of more than $250,000 annually.

Respectfully submitted,

F. SCHARWITZ,

Assessor and Collector of Water Rates.

TABLE No. 1.

RECEIPTS FOR THE FISCAL YEAR ENDING APRIL 11TH, 1904.

DATE	Licenses.	Permits and Taps.	Miscellaneous Accounts.	Total.
1903—April 14th to 30th....	$ 49.619 50	$ 405 70	$ 59 20	$ 50.084 40
May	173.233 00	865 55	185 65	174.284 20
June	146.632 50	728 05	196 65	147.557 20
July	117.773 00	1,017 75	28 90	118.819 65
August	76.699 50	915 90	27 00	77.642 40
September.....	105.491 00	700 70	.....	106.191 70
October	234.482 00	823 75	197 30	235.503 05
November	187.896 10	597 60	233 65	188.727 35
December	191.338 00	500 55	297 55	192.136 10
1904—January	111.202 00	231 25	49 90	111.483 15
February	83.841 00	309 65	3 00	84.153 65
March	129.788 50	756 65	157 95	130.703 10
April 1st to 11th.....	89.867 00	362 70	58 10	90.287 80
	$ 1,697.863 10	$8.215 80	$1.494 85	$ 1.707.573 75

TABLE No. 2.

RECEIPTS FOR THE FISCAL YEAR ENDING APRIL 13TH, 1903.

DATE	Licenses.	Permits and Taps.	Miscellaneous Accounts.	Total.
1902—April 8th to 30th.....	$ 79.606 00	$ 632 15	$ 136 25	$ 80.374 40
May	178.325 00	969 75	242 80	177.537 55
June	144.795 00	769 55	226 25	145.790 80
July	127.511 50	703 45	33 95	128.248 90
August	87.460 00	746 20	6 50	88.212 70
September	107.035 00	845 50	.....	107.880 50
October	224.317 00	1,039 50	227 40	225.583 90
November	180.987 00	792 40	191 60	181.971 00
December	177.886 50	611 70	248 41	178.746 61
1903—January	99.104 50	293 90	31 40	99.429 80
February	77.415 00	343 95	5 50	77.764 45
March	102.242 00	659 35	7 30	102.908 65
April 1st to 13th.....	153.546 00	382 60	163 35	154.091 95
	$ 1.738.230 50	$8,790 00	$1.520 71	$ 1.748.541 21

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TABLE No. 3.

Loss in collections during the fiscal year ending April 11th, 1904, on account of reduction in rates for baths, water closets, rooms in houses occupied by one family, and for furnishing water to Public Schools.

1903—April 13th to May 1st—			
Loss account Rooms		$ 1,316 00	
Loss account Hot Baths	970@$1.50	1,455 00	
Loss account Cold Baths	1,189@ .50	594 50	
Loss account Water Closets	3,146@ 1.00	3,146 00	$6,511 50
May—			
Loss account Rooms		4,412 50	
Loss account Water Closets	7,968@$1.00	7,968 00	12,380 50
June—			
Loss account Rooms		6,109 00	
Loss account Water Closets	7,058@$1.00	7,058 00	13,167 00
July—			
Loss account Rooms		4,219 00	
Loss account Water Closets	7,135@$1.00	7,135 00	
Loss account Public Schools		6,654 00	18,008 00
August—			
Loss account Rooms		5,317 50	
Loss account Water Closets	8,330@$1.00	8,330 00	13,647 50
September—			
Loss account Rooms		6,713 50	
Loss account Water Closets	8,631@$1.00	8,631 00	15,344 50
October—			
Loss account Rooms		5,090 00	
Loss account Water Closets	7,342@$1.00	7,342 00	12,432 00
November—			
Loss account Rooms		5,777 00	
Loss account Water Closets	8,171@$1.00	8,171 00	13,948 00
December—			
Loss account Rooms		7,279 50	
Loss account Water Closets	8,600@$1.00	8,600 00	15,879 50
Total Loss			$121,318 00

TABLE No. 4.

COMPARATIVE STATEMENT OF THE SOURCES OF REVENUE FOR THE FISCAL YEARS 1901-1902 TO 1903-1904.

	1901-1902.	1902-1903.	1903-1904.
General Licenses	$986.056 00	$938.250 00	$875.668 00
Meters and Elevators	708.369 00	760.545 50	773.365 10
Private Sprinkling	35.242 51	20.817 50	28.987 50
Building Licenses	15.827 00	18.015 50	18.483 00
Meter Repairs and Miscellaneous acc...	1.337 35	1.520 71	1.494 85
Permits and Taps	7.227 55	8.790 00	8.215 80
Filling Cisterns	2.506 50	602 00	1.359 50
	$1.756.565 90	$1.748.541 21	$1.707.573 75

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TABLE No. 5.

METERS.

There are now attached to service pipes forty-eight hundred and forty-three meters of the following sizes:

DATE.	SIZE.									Total.
	½"	⅝"	¾"	1"	1½"	2"	3"	4"	6"	
Up to April 13th, 1903.....	157	1945	760	813	291	363	154	129	23	4635
During the past year.....	.....	350	149	84	27	63	29	31	16	749
Total	157	2295	909	897	318	426	183	160	39	5384
Discontinued	22	218	89	109	23	41	16	19	4	541
Total in use.....	135	2077	820	788	295	385	167	141	35	4843
Property of City.....	25	234	219	175	44	81	52	55	27	912
Property of Consumer....	110	1843	601	613	251	304	115	86	8	3931
Total	135	2077	820	788	295	385	167	141	35	4843

DIFFERENT KINDS OF METERS IN USE.

	SIZE.									Total.
	½"	⅝"	¾"	1"	1½"	2"	3"	4"	6"	
Worthington	.....	814	185	358	159	198	79	35	2	1830
Hersey	.....	642	272	204	68	84	32	35	8	1345
Crown	118	279	237	128	49	86	50	45	6	998
Hersey Disc	.....	194	66	42	11	8	1	3	.....	325
Hersey Model Disc.....	.....	36	11	7	.....	.....	.....	.....	.....	54
Thompson	.....	19	4	2	.....	1	.....	2	.....	28
Thompson B	7	28	14	5	2	1	.....	1	.....	58
Torrent	.....	.....	.....	.....	.....	.....	.....	8	9	17
Gem	.....	.....	.....	.....	.....	1	1	1	8	11
Union	3	3	7	14	1	5	3	10	2	48
Keystone	.....	29	2	4	.....	.....	.....	.....	.....	35
Nash	5	6	3	14	3	.....	1	.....	.....	32
Empire	1	1	2	1	.....	.....	.....	.....	.....	5
Neptune.....	1	9	10	8	2	1	.....	.....	.....	31
Cincinnati	.....	.....	1	.....	.....	.....	.....	.....	.....	1
Crest	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Lambert	.....	17	6	1	.....	.....	.....	.....	.....	24
	135	2077	820	788	295	385	167	141	35	4843

HYDRAULIC ELEVATORS.

Number in operation April 14th, 1903.....	171
Number erected during the past year.....	...
Total	171
Discontinued	2
Total number in use.....	169

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TABLE No. 6.

COMPARATIVE STATEMENT OF METERS AND ELEVATORS IN USE AND THE REVENUE DERIVED THEREFROM.

FISCAL YEAR.	No. of Elevators.	NUMBER OF METERS.			Amount Collected.
		Property of City.	Property of Consumer	Total.	
1873-1874	.....	.....	.....	212	.....
1874-1875	.....	.....	.....	231	.....
1875-1876	.....	.....	.....	245	.....
1876-1877	.....	.....	.....	289	.....
1877-1878	95	.....	.....	318	$ 113,454 08
1878-1879	114	276	87	363	127,616 17
1879-1880	126	299	136	435	142,849 50
1880-1881	139	318	255	573	180,904 35
1881-1882	154	437	468	905	222,397 00
1882-1883	164	563	665	1228	244,119 77
1883-1884	161	681	841	1522	247,489 81
1884-1885	163	709	1102	1811	246,344 50
1885-1886	177	723	1420	2143	273,175 50
1886-1887	201	727	1649	2376	322,846 15
1887-1888	212	745	1917	2662	350,136 50
1888-1889	227	742	2146	2888	369,044 40
1889-1890	237	712	2403	3115	415,999 50
1890-1891	240	724	2675	2399	514,417 00
1891-1892	252	739	2862	3601	539,562 00
1892-1893	258	727	3023	3750	555,850 50
1893-1894	251	712	3138	3850	531,030 50
1894-1895	249	704	3275	3975	521,204 50
1895-1896	232	689	3403	4092	500,443 00
1896-1897	236	685	3512	4197	529,226 00
1897-1898	231	594	3557	4151	540,710 00
1898-1899	223	582	3452	4034	538,025 00
1899-1900	213	554	3579	4133	546,672 00
1900-1901	212	614	3717	4331	620,723 00
1901-1902	199	655	3870	4525	708 369 00
1902-1903	171	692	3943	4635	760.545 50
1903-1904	169	912	3931	4843	773,365 10

TABLE No. 7.

NUMBER AND SIZE OF TAPS FOR WHICH MONEY HAS BEEN RECEIVED.

DATE.	½-Inch.	⅝-Inch.	¾-Inch	1-Inch.	1¼-Inch.	1½-Inch.	2-Inch.	Total Number of Taps each Month.	Amount Collected each Month.
1903—April 14th to 30th	104	17	11	.....	.....	.....	.....	132	$405 70
May	225	35	22	.....	.....	.....	.....	282	865 55
June	201	20	17	.....	.....	.....	.....	238	728 05
July	277	28	27	.....	.....	.....	.....	332	1.017 75
August	243	35	21	.....	.....	.....	.....	299	915 90
September	192	28	10	.....	.....	.....	.....	230	700 70
October	224	25	20	.....	.....	.....	.....	269	823 75
November	162	25	9	.....	.....	.....	.....	196	597 60
December	126	25	12	.....	.....	.....	.....	163	500 55
1904—January	60	7	8	.....	.....	.....	.....	75	231 25
February	79	8	13	.....	.....	.....	.....	100	309 65
March	206	22	19	.....	.....	.....	.....	247	756 65
April 1st to 11th	65	15	33	.....	.....	.....	.....	113	362 70
	2.164	290	222	.....	.....	.....	.....	2.676	$8.215 80

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TABLE No. 8.

AMOUNT COLLECTED FOR WATER LICENSES, PLUMBERS' PERMITS AND MISCELLANEOUS ACCOUNTS, FROM APRIL 14, 1903, TO APRIL 11, 1904.

Date.	April, 1903.	May.	June.	July.	August.	September.	October.	November.	December.	January, 1904.	February.	March.	April.	Total Collected on same day of each month.
1	.....	$ 2.054 50	$ 3.551 45	$ 2.303 60	$ 2.554 50	$ 3.784 00	$ 3.616 00	.....	$ 4.698 75	.....	$ 1.449 80	$ 7.137 35	$ 3.153 90	$ 34.303 85
2	.....	.....	6.168 20	4.565 45	.....	6.643 80	5.056 25	$ 1.508 50	9.384 55	$ 1.892 20	6.271 00	5.960 10	3.925 80	51.375 85
3	.....	.....	5.789 75	10.956 00	2.199 10	5.974 50	4.740 00	5.550 80	7.620 65	.....	4.481 50	5.835 25	.....	53.147 55
4	.....	3.819 45	9.225 95	.....	6.104 40	5.397 95	.....	7.610 10	8.190 60	2.514 80	5.363 00	6.337 95	1.867 45	56.431 65
5	.....	8.586 95	9.250 35	.....	5.523 95	7.222 15	2.745 00	11.428 25	9.276 10	7.061 50	5.389 65	9.246 30	12.145 30	87.865 50
6	.....	13.621 20	11.372 30	4.189 65	6.132 30	.....	19.126 75	16.288 65	.....	10.844 20	6.880 00	.....	10.637 10	99.092 15
7	.....	15.998 85	.....	10.050 90	7.909 15	.....	22.197 95	15.337 80	13.312 60	7.341 05	.....	5.116 00	15.378 90	112.643 20
8	.....	18.728 00	9.931 35	13.842 40	4.754 30	4.183 15	.....	.....	13.369 05	4.811 00	3.843 50	11.552 65	16.655 45	101.670 85
9	.....	13.283 05	12.567 25	5.389 30	.....	10.170 50	14.112 70	12.376 50	14.451 75	9.482 90	7.180 95	13.149 85	15.768 00	127.932 75
10	.....	.....	6.358 90	2.652 55	1.695 40	6.254 05	7.436 80	12.830 50	7.505 90	.....	3.910 95	5.811 25	.....	54.457 30
11	.....	8.199 75	4.628 00	1.947 30	4.349 65	6.076 15	.....	11.187 35	7.069 20	1.905 65	3.822 50	6.352 80	10.755 90	66.294 25
12	.....	12.292 65	4.827 45	.....	2.715 15	5.304 15	23.356 00	11.206 90	5.356 10	4.619 50	3.594 50	4.043 50	.....	77.314 90
13	.....	8.457 10	5.098 45	4.164 25	2.096 00	.....	24.003 70	4.132 50	.....	2.142 75	3.277 30	.....	.....	53.372 05
14	$ 6.265 15	7.643 55	.....	3.483 25	2.315 80	1.656 30	24.336 55	11.274 45	2.577 80	2.957 40	.....	1.916 90	.....	64.427 15
15	2.558 00	4.005 95	2.091 45	2.157 65	3.315 65	5.585 65	53.336 80	.....	7.017 05	2.791 50	1.274 15	4.458 85	.....	40.592 70
15	2.558 00	4.005 95	2.091 45	2.157 65	3.313 65	5.585 65	5.336 80	3.556 40	7.517 80	4.530 50	2.925 50	4.513 50	.....	53.917 20
17	4.288 00	.....	14.235 55	6.524 15	1.410 10	5.102 15	8.822 30	6.774 75	6.331 10	.....	2.359 00	3.093 40	.....	58.940 50
18	6.134 85	8.171 65	4.697 50	3.040 80	3.207 45	3.273 80	.....	5.256 15	10.119 80	7.930 15	2.454 15	3.462 80	.....	57.749 10
19	.....	3.907 00	4.792 60	.....	3.613 80	3.319 65	2.067 70	9.139 30	3.855 15	21.655 60	2.000 00	3.886 35	.....	58.227 15
20	3.386 50	3.893 10	3.244 15	1.603 65	2.724 30	.....	3.057 95	1.978 10	.....	3.177 50	2.836 15	.....	.....	25.901 40
21	4.378 60	6.899 80	.....	17.968 65	2.277 00	3.220 80	7.950 30	4.447 50	2.611 10	3.486 00	.....	1.272 15	.....	54.511 90
22	3.430 40	6.243 25	1.212 00	1.841 10	1.396 65	2.357 15	4.475 20	.....	7.001 15	3.486 50	.....	3.966 80	.....	35.410 20
23	2.889 50	5.742 45	5.206 05	2.558 45	.....	2.152 15	2.296 90	4.236 30	3.505 80	1.166 30	1.750 50	2.765 40	.....	34.269 80
24	1.661 65	.....	2.460 85	2.041 45	591 15	2.364 50	2.314 45	4.712 05	3.413 65	.....	2 996 30	3.207 00	.....	25.763 05
25	1.706 50	1.330 80	2.302 85	1.508 45	1.713 80	1.934 30	.....	4.663 95	.....	844 50	2.228 65	2.351 90	.....	20.585 70
26	.....	3.150 30	2.618 85	.....	1.507 50	2 039 00	3.704 65	.....	7.489 90	741 65	2.952 30	1.987 00	.....	26.191 15
27	3.233 10	2.889 85	2.098 40	1.272 50	1.404 00	.....	4.643 70	5.052 90	.....	876 50	3.264 80	.....	.....	24.735 75
28	2.473 30	2.633 55	.....	3.068 10	1.656 80	2.044 60	6.171 50	9.192 70	1.491 50	1.300 00	.....	1.244 50	.....	31.266 55
29	2.447 95	4.545 30	1.913 35	1.991 50	2.242 50	3.986 80	6.273 70	.....	3.105 45	1.516 50	1.647 50	4.104 90	.....	33.775 45
30	.....	.....	7.534 00	2.229 00	.....	3.515 50	3.648 05	8.985 95	3.442 05	2,417 00	.....	2.510 55	.....	34.282 10
31	.....	.....	.....	2.642 40	2.231 00	.....	18.412 00	.....	22.421 55	.....	.....	5.418 10	.....	51.125 05
	$50.084 40	$174.284 20	$147.657 20	$118,819 65	$77.642 40	$106.191 70	$235.503 05	$188.727 35	$192.136 10	$111.483 15	$84.153 65	$130.703 10	$90.287 80	$ 1,707.573 75

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TABLE No. 9.

YEARLY REVENUE DERIVED FROM THE WATER WORKS, FROM ITS FIRST INTRODUCTION INTO THE CITY.

DATE. FROM	DATE. TO	Annual Collections.	Increase.	Decrease.
Total receipts up to May 14, 1835	May 14, 1835	$ 23.453 51		
May 14, 1835	April, 1836	4.588 73		
April 1836	" 1837	5.338 21	$ 749 48	
" 1837	" 1838	8.372 13	3.033 92	
" 1838	" 1839	12.694 11	4.321 98	
" 1839	" 1840	20.517 25	7,823 14	
" 1840	" 1841	20,672 16	154 91	
" 1841	" 1842	14.954 31		$ 5.717 85
" 1842	" 1843	12.507 81		2.446 50
" 1843	" 1844	13.402 10	849 29	
" 1844	" 1845	14.518 69	1.116 59	
" 1845	" 1846	15.442 47	923 78	
" 1846	" 1847	17.858 70	2.416 23	
" 1847	" 1848	25.538 48	7,679 78	
" 1848	" 1849	21.967 92		3.570 56
" 1849	" 1850	19.560 00		2.407 92
" 1850	" 1851	30.943 78	11,383 78	
" 1851	" 1852	30.824 85		118 93
" 1852	" 1853	36.995 38	6.170 53	
" 1853	" 1854	49.865 04	12.869 06	
" 1854	" 1855	51.735 29	1.870 25	
" 1855	" 1856	70.380 47	18.645 18	
" 1856	" 1857	68.597 20		1.783 27
" 1857	" 1858	84.021 96	15,424 76	
" 1858	" 1859	87.352 20	3,330 24	
" 1859	" 1860	99.501 88	12,149 68	
" 1860	" 1861	114.760 35	15.258 47	
" 1861	" 1862	123,690 25	8,929 90	
" 1862	" 1863	147.120 95	23.430 70	
" 1863	" 1864	170.313 30	23.192 35	
" 1864	" 1865	208.340 90	38.027 60	
" 1865	" 1866	247.268 33	39.927 43	
" 1866	May 1, 1867	248.575 30	306 97	
May 1, 1867	" 1, 1868	288.910 07	40.334 77	
" 1, 1868	" 1, 1869	321.412 50	32.502 43	
" 1, 1869	" 1, 1870	323.102 00	1.629 50	
" 1, 1870	" 1, 1871	335.626 91	12.524 91	
" 1, 1871	" 1, 1872	373.194 60	37.567 69	
" 1, 1872	" 1, 1873	426.922 59	53.727 99	
" 1, 1873	" 1, 1874	444.622 35	17.699 76	
" 1, 1874	" 1, 1875	414.870 44		29.751 91
" 1, 1875	" 1, 1876	456.163 39	41.292 95	
" 1, 1876	April 9, 1877	445.041 14		11.122 25
April 10, 1877	" 8, 1878	512.053 19	67.012 05	
" 9, 1878	" 7, 1879	550.140 60	38.087 41	
" 8, 1879	" 12, 1880	620.280 30	70.139 70	
" 13, 1880	" 11, 1881	660.024 75	39,744 45	
" 12, 1881	" 10, 1882	706.145 65	46.120 90	
" 11, 1882	" 9, 1883	719.686 37	13.540 72	
" 10, 1883	" 7, 1884	736.694 26	17.007 89	
" 8, 1884	" 13, 1885	759.265 53	22.571 27	
" 14, 1885	" 12, 1886	800.325 70	41.060 17	
" 13, 1886	" 11, 1887	868.043 25	67.717 55	
" 12, 1887	" 9, 1888	919.975 18	51.931 93	
" 10, 1888	" 8, 1889	952.689 25	32,714 07	
" 9, 1889	" 7, 1890	1.017.016 20	64.326 95	
" 8, 1890	" 13, 1891	1.132.088 40	115.072 20	
" 14, 1891	" 11, 1892	1.173.998 30	41.909 90	
" 12, 1892	" 10, 1893	1,235.933 30	61,935 00	
" 11, 1893	" 9, 1894	1.250.935 25	15.001 95	
" 10, 1894	" 8, 1895	1,264.253 60	13.318 35	
" 9, 1895	" 13, 1896	1.310.412 45	46.156 85	
" 14, 1896	" 12, 1897	1.335.635 20	25.222 75	
" 13, 1897	" 11, 1898	1.388.564 45	52.929 25	
" 12, 1898	" 10, 1899	1.379.361 40		9.203 05
" 11, 1899	" 9, 1900	1.482.053 80	102.692 40	
" 10, 1900	" 8, 1901	1.607.168 82	125.115 02	
" 9, 1901	" 7, 1902	1,756.565 90	149.397 08	
" 8, 1902	" 13, 1903	1,748.541 21		8.024 69
" 14, 1903	" 11, 1904	1,707.573 75		40.967 46
Total Revenue of Water Works		$35.547.966 06		

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TABLE No. 10.

COLLECTIONS BY CALENDAR YEARS, BEGINNING JANUARY 1, 1876.

CALENDAR YEAR.	Amount Collected	Increase.
1876	$ 472,227 59	
1877	499,012 02	$ 26,784 43
1878	522,018 26	23,006 24
1879	593,067 06	71,048 80
1880	653,167 14	60,100 08
1881	693,968 26	40,801 12
1882	716,072 37	22,104 11
1883	745,722 41	29,650 04
1884	755,345 00	9,623 19
1885	803,414 04	48,068 44
1886	850,415 70	47,001 66
1887	924,003 07	73,587 37
1888	936,130 55	12,127 48
1889	978,670 15	42,539 60
1890	1,081,193 60	102,523 45
1891	1,170,159 50	88,965 90
1892	1,233,477 35	63,317 85
1893	1,247,523 05	14,045 70
1894	1,266,395 65	18,872 55
1895	1,280,782 00	14,386 35
1896	1,346,721 85	65,939 85
1897	1,365,056 10	16,334 25
1898	1,429,061 15	24,895 70
1899	1,591,062 42	162,001 27
1900	1,725,087 95	134,025 53
1901	1,363,056 10	16,334 25
1902	1,770,242 56	45,154 61
1903	1,725,140 90	*45,101 66

*Decrease.

TABLE No. 11.

AMOUNT OF REVENUE COLLECTED EACH YEAR SINCE 1870, AND THE PER CENT OF COST OF COLLECTING THE SAME.

DATE. FROM	DATE. TO	Collections.	Expenses.	Per Cent.
May 1, 1870	May 1, 1871	$ 353,626 91	$ 26,063 13	7.7
" 1, 1871	" 1, 1872	373,194 60	29,763 03	7.9
" 1, 1872	" 1, 1873	426,922 59	34,690 78	8.1
" 1, 1873	" 1, 1874	441,622 35	30,732 73	6.9
" 1, 1874	" 1, 1875	414,870 44	34,644 73	8.3
" 1, 1875	" 1, 1876	456,163 39	42,432 16	9.3
" 1, 1876	April 9, 1877	445,041 14	45,358 12	10.1
April 10, 1877	" 8, 1878	512,053 19	37,754 68	7.4
" 9, 1878	" 7, 1879	550,140 60	29,445 15	5.3
" 8, 1879	" 12, 1880	620,280 30	34,499 43	5.5
" 13, 1880	" 11, 1881	660 024 75	36,495 21	5.5
" 12, 1881	" 10, 1882	706,145 65	36,823 21	5.2
" 11, 1882	" 9, 1883	719,686 37	36,977 50	5.1
" 10, 1883	" 7, 1884	736,694 26	41,917 95	5.6
" 8, 1884	" 13, 1885	759,265 53	42,426 84	5.5
" 14, 1885	" 12, 1886	800,325 70	42,578 33	5.3
" 13, 1886	" 11, 1887	868,043 25	50,505 65	5.8
" 12, 1887	" 9, 1888	919,975 18	51,985 06	5.6
" 10, 1888	" 8, 1889	952,689 25	51,024 06	5.3
" 9, 1889	" 7, 1890	1,017,016 20	50,944 21	5.
" 8, 1890	" 13, 1891	1,132,088 40	51,626 54	4.5
" 14, 1891	" 11, 1892	1,173,998 30	51,933 60	4.4
" 12, 1892	" 10, 1893	1,235 933 30	53,867 64	4.3
" 11, 1893	" 9, 1894	1,250,935 25	57,504 69	4.5
" 10, 1894	" 8, 1895	1,264,253 60	57,586 77	4.5
" 9, 1895	" 13, 1896	1,310,412 45	57,436 80	4.3
" 14, 1896	" 12, 1897	1,335,635 20	57,118 75	4.2
" 13, 1897	" 11, 1898	1,388,564 45	57,333 77	4.1
" 12, 1898	" 10, 1899	1,379,361 40	59,095 89	4.2
" 11, 1899	" 9, 1900	1,482,053 80	57,649 86	3.9
" 10, 1900	" 8, 1901	1,607,168 82	60,360 05	3.76
" 9, 1901	" 7, 1902	1,756,565 90	64,986 66	3.70
" 8, 1902	" 13, 1903	1,748,541 21	64,326 26	3.68
" 14, 1903	" 11, 1904	1,707,573 75	64,070 84	3.75

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TABLE No. 12.

Water is furnished free for the following Public Institutions, viz:

City Hall.	Poor House.	Fire Engine Houses.
Court House.	Female Hospital.	Police Stations.
Four Courts.	House of Refuge.	Markets.
City Hospital.	Work House.	Sanitary Department.
Insane Asylum.	Parks.	

Sub-Offices of the Water, Street, Harbor and Health Departments.
Drinking Fountains provided by special ordinance.

TABLE No. 13.

AVERAGE DAILY CONSUMPTION OF WATER.

MONTH.	Average Daily Consumption in Gallons.
1903—April	61,647,000
May	66,137,000
June	69,229,000
July	73,656,000
August	74,253,000
September	74,699,000
October	70,650,000
November	65,423,000
December	67,537,000
1904—January	71,870,000
February	72,643,000
March	66,173,000
Average daily consumption	69,916,000

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ANNUAL REPORT

——OF THE——

Commissioner of Supplies

FISCAL YEAR ENDING APRIL 11, 1904.

St. Louis, April 18, 1904.

Hon. Rolla Wells, Mayor of the City of St. Louis:

Dear Sir—In accordance with the requirements of section 47, article 4 of New Charter, I have the honor to submit herewith a tabulated report of the business of the office for the fiscal year ending the 11th inst.

By reference to Table No. 1 it will be seen that 10,143 requisitions were received and filed, and purchases under 9,121 of the above vouchers were made out and forwarded to the Auditor. Vouchers for the remaining could not be made out for the reason that the invoices have not yet reached this office, or that the articles being intended for the use during new fiscal year were not properly chargeable in this year's appropriation. The aggregate amount of purchases for the fiscal year 1903-1904 amounts to $932,962.08.

Table No. 2 is an exhibit of the different items of condemned property transferred to this department for sale, the proceeds of which, amounting to $40,766.07, have been paid into the City Treasury as per receipts on file in this office.

Table No. 3 is an exhibit of the different items of condemned property transferred to the various departments; the estimate aggregate amount of transfers for fiscal year 1903-1904 amounts to $2,437.52.

Yours truly,

JOHN P. BOYCE,

Commissioner of Supplies.

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TABLE No. 1.—RECORD OF REQUISITIONS AND PURCHASES.

INSTITUTIONS AND DEPARTMENTS.	No. of Requisitions Received During Fiscal Year.	No. of Requisitions for which Vouchers have been certified.	Total amount of Purchases as per Vouchers certified to Auditor.
Armory	1	1	$ 19 26
Assessor of Revenue	11	11	341 56
Assessor of Water Rates	48	45	807 84
Auditor	12	12	192 72
Battery "A"	6	3	75 79
Board of Health	198	176	16,620 83
Board of Health, Bact. Div	78	73	956 97
Board of Public Improvements	68	64	769 31
Boiler Inspector	24	17	380 96
City Counselor	11	10	282 07
City Hospital	900	821	67,337 94
City Hospital, Emergency	624	560	22,299 91
City Chemist	104	100	1,688 19
City Dispensary	181	163	5,946 50
City Hall	143	138	8,523 66
Circuit Court	7	7	174 00
City Attorney	2	2	36 76
Cleaning Levee	3	3	20 70
Commissioner of Public Buildings	48	43	745 53
Commissioner of Supplies	80	80	6,842 61
Comptroller	88	86	539 47
Coroner	28	28	593 04
Council	7	7	179 45
Court of Criminal Correction	23	21	616 35
Court House	27	23	2,114 84
Electric Light Department	100	97	9,301 85
Female Hospital	625	560	35,949 64
Factory Inspector	3	3	17 99
Fire Department	281	267	116,396 82
Fire Alarm Telegraph	68	68	14,744 33
Four Courts	65	61	5,829 93
House of Refuge	435	390	30,997 76
House of Refuge Bakery	100	87	9,167 88
Harbor and Wharf Commissioner	32	32	349 88
Harbor Boat	107	107	5,329 62
House of Delegates	14	13	292 66
Insane Asylum	601	520	77,779 66
Inspector of Weights and Measures	5	5	27 65
Jail	434	399	17,346 12
Jury Commissioner	13	13	143 25
Justice Court No. 1	8	7	106 57
Justice Court No. 2	7	5	70 90
Justice Court No. 3	8	6	63 97
Justice Court No. 4	5	2	54 65
Justice Court No. 4 Second District	7	6	56 18
Justice Court No. 5	9	8	261 27
Justice Court No. 5 Second District	5	4	117 14
Justice Court No. 6	2	2	89 70
Justice Court No. 7	6	6	101 39
Justice Court No. 8	4	4	116 27
Justice Court No. 9	3	2	108 35
License Commissioner	39	33	249 81
Market Soulard	4	3	12 78
Market South	1	1	2 90
Market Union	14	11	67 02
Marshal	6	5	70 41
Mayor	7	7	81 09
Morgue	12	11	430 43
Poor House	719	661	97,460 78
Poor House Bakery	108	97	22,939 88
Parks—Commissioner	19	19	138 36
Benton	7	7	37 75
Carr	13	11	255 23
Carondelet	54	52	2,258 45
Forest	160	130	13,071 81
Forest Boulevard	1	1	6 30
Fountain	6	6	85 60
Gamble	10	9	64 43
Gravois	6	6	69 53
Hyde	16	15	141 76

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	9	7	$ 46 25
Kenrick	7	5	144 13
Laclede	11	8	81 77
Lyon	14	13	101 25
O'Fallon	51	46	1,626 90
Washington	31	26	857 38
St. Louis Place	14	13	183 56
Indiana and Utah	3	3	14 84
Page Avenue Place	2	2	143 36
South St. Louis Square	9	8	32 08
Plumbing Inspector	5	4	43 60
Probation Office	5	5	34 25
Police Court No. 1	16	13	370 76
Police Court No. 2	6	6	105 42
Police Court South St. Louis	4	4	44 29
Quarantine	316	295	11,675 31
Recorder of Deeds	8	8	758 85
Register	12	11	256 35
Repair of Dykes and Wharf	4	4	22 20
Scales—Bridge	8	8	22 82
City Market	2	2	2 55
South St. Louis	1	1	6 12
Scavenger Dumps and Repairs	21	21	694 91
Scavenger Dumps, Salary and Expense	8	8	255 75
Sewer Commissioner	76	70	1,516 27
Street Commissioner	478	409	136,120 43
Street Cleaning and Floating Dumps	21	21	459 41
Smoke Inspector	4	4	131 75
Treasurer	15	15	316 24
Work House	438	409	40,524 47
Water Commissioner	1,672	1,419	136,046 73
Total fiscal year, 1903-1904	10,143	9,121	$932,962 08

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TABLE No. 2

CONDEMNED PROPERTY SOLD, FISCAL YEAR 1903-1904.

Assessor and Coll. of Water Rates	Horse			$ 20 00
Board of Election Commissioner	Paper	$ 39 90		
	Voting Booths	87 00		
	Ballot Boxes	118 91		
	Table	2 00		
				247 81
Board of Health	Empty Carboys	$ 31 00		
Board of Public Improvements	Old Iron			11 52
	Scrap Iron	16 25		
	Acid Barrels	26 40		
	Horse			36 50
Boiler Inspector	Desks	4 00		
Circuit Court	Chairs, etc	8 75		
				12 75
City Chemist	Old Stoves			10 00
City Dispensary	Horses			82 50
City Hall	Scrap Iron			5 69
City Hospital	Jewelry	$ 16 75		
	Old Iron	5 46		
	Bones	7 44		
	Tallow	10 70		
	Old Range	17 50		
				57 85
Commissioner of Public Buildings	Horse	$ 55 00		
	Buggy	28 75		
	Harness	5 25		
	Old Iron	34 24		
				123 24
Commissioner of Supplies	Forfeit of Cont	$ 365 00		
	Munic. Rev. (Forfeit)	15 00		
	Old Rubber	4 00		
				384 00
Coroner	Old Clothing & Jewelry			55 35
Court House	Telephone	$ 3 00		
	Old Iron	21 80		
				24 80
Emergency Hospital	Tallow	$ 23 54		
	Bones	1 87		
				25 41
Female Hospital	Grease	$ 27 77		
	Tallow	32 80		
	Bones	6 72		
				67 29
Fire Alarm	Scrap Iron	$ 40 66		
	Horses	66 55		
	Buggy	19 15		
	Zinc and Copper	85 48		
				211 84
Fire Department	Brass and Copper	$ 312 80		
	Fire Engines	240 00		
	Horses	947 20		
	Hose	458 89		
	Old Bell	608 08		
	Striking Machine	15 13		
	Iron Pipe	49 40		
	Scrap Iron	38 00		
	Tank	1 00		
	Empty Barrels	62 95		
	Lead	21 92		
				2,751 37
Harbor and Wharf	Old Boiler	$ 15 00		
	Old Rope	55 20		
	Barge	32 50		
	Hose	8 12		
	Scrap Iron	19 49		
				140 31
House of Refuge	Horses	$ 163 45		
	Rags	76 56		
	Horse	10 15		
				250 16
House of Refuge, Bakery	Empty Barrels			300 60

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Insane Asylum	Horse	$ 20 65	
	Cultivator	2 85	
	Range	10 00	
	Scrap Iron	52 72	
	Iron Beds	32 19	
	Grease	54 18	
	Bath Tub	2 00	
	Tallow	63 53	
	Bones	9 10	
	Iron Tank	109 40	
	Jewelry	8 35	
	Soap Boxes	7 80	
			372 77
Jail	Carpet and Furniture		40 00
Justice Court, 1st District	Old Carpet		5 00
Lighting Department	Old Lamps	$ 62 81	
	Old Wire	62 70	
	Gas Fixtures	5 00	
	Scrap Lead	2 27	
	Sockets	2 55	
			135 33
Park Department	Scraper	$ 125 00	
	Scrap Iron	14 45	
	Horses	166 40	
	Dead Trees	100 00	
	Mule	55	
	Empty Sacks	26 43	
			432 83
Police Court, 2nd District	Old Stoves		12 50
Poor House	Horses	$ 51 00	
	Rags and Iron	189 14	
	Buggy	2 20	
	Ambulance	3 50	
	Bones	97 32	
	M. T. Barrels	10 90	
	Soap Boxes	40 50	
	Brass	23 87	
			418 43
Poor House, Bakery	M. T. Barrels		864 40
Quarantine	Mules	$ 101 80	
	Scrap Iron	31 00	
	M. T. Barrels	80 45	
	Boiler	1 95	
			215 20
Scale, Bridge	Stove		1 00
Sewer Department	Derrick	$ 3 50	
	Old Iron	37 00	
	Hose	22 71	
			63 21
Street Department	Old Iron	$1,440 02	
	Old Posts	11 00	
	Horse	16 65	
			1,467 67
Work House	Old Range	$ 10 00	
	Mule	30 80	
			40 80
Water Department	Scrap Iron	15,847 65	
	Grinding Machine	2 80	
	Cement Machine	7 45	
	Iron Pipe	105 00	
	C. I. Blocks	2 00	
	Rubber	15 88	
	Cinders	337 21	
	Oil Tank	39 24	
	Heaters	399 77	
	Horses	123 05	
	Sacks	202 50	
	Scrap Brass	8,310 09	
	Old Fan	65 00	
	Pumps	1,693 00	
	Bronze	259 88	
	M. T. Barrels	82 50	
	Horse Collar	1 85	
	Engines and Pumps	3,210 00	
	Old Boilers	800 00	
	Sheaves	17 50	
	Harness	5 85	

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Vertical Engine		$ 60 00	
Air Compressor		66 00	
Pump		62 00	
Crude Oil		31 59	
Scales		25 00	
Rope		10 50	
			31,783 29

Total amount of condemned property sold 1903-1904.....$40,766 07

TABLE NO. 3—CONDEMNED PROPERTY TRANSFERRED, FISCAL YEAR 1903-1904.

Estimated value of condemned property transferred during the year 1903-04. This estimate is based on what the property would bring if sold, and not on the saving to the city as compared with what new goods of this character would cost.

Assessor & Col. of Water Rates to Park Dept.	1 Buggy		$ 25 00
City Council to Court of Criminal Correction	3 Fans	$ 21 00	
City Council to Comptroller	1 Filing Case	80 00	
City Council to Park Department	1 Cooler	2 00	
			103 00
City Counselor to Poor House	2 Fans		14 00
City Hall to Poor House	5 Valves		200 00
City Hall Janitor to House of Refuge	4 Doors		10
City Hospital to House of Refuge	478 lbs. Tallow		19 12
City Register to Female Hospital	1 Cooler		5 00
Collector to House of Refuge	3 Cases	1 00	
Collector to Justice Court, 9th District	1 Case	75 00	
			76 00
Comptroller to Building Commissioner	1 Case		75 00
Boiler Inspector to House of Refuge	Old Furniture.		25 00
City Dispensary to Poor House	1 Horse	$ 60 00	
City Dispensary to Park Department	1 Horse	60 00	
			120 00
Com. of Pub. Bldg. to Poor House	1 Horse		50 00
Com. of Supplies to 1st District Street Dept.	1 Directory	$ 1 00	
Com. of Supplies to 1st District Police Dept.	2 Fans	14 00	
Com. of Supplies to Work House	1 Stool	1 00	
Com. of Supplies to House of Refuge	Old Furniture.	20 00	
			36 00
Court of Criminal Correction to Poor House	1 Desk		25 00
Emergency Hospital to House of Refuge	445 lbs. Tallow.	$ 17 80	
Emergency Hospital to Poor House	22 Pans	10 00	
			27 80
Fire Alarm to Harbor and Wharf Dept.	12 Poles	60 00	
Fire Alarm to Board of Pub. Improvements	15 Poles	75 00	
Fire Alarm to House of Refuge	1 Case	5 00	
			140 00
Fire Department to Water Department	2500 Sacks	$125 00	
Fire Department to House of Refuge	6 Horses	280 00	
Fire Department to Park Department	2 Horses	100 00	
Fire Department to Street Department	1000 Ft. Hose	50 00	
Fire Department to Sewer Department	6300 Ft. Hose	315 00	
Fire Department to Park Department	200 Ft. Hose	10 00	
			880 00
Jury Commissioner to House of Refuge	Wardrobe		5 00
Poor House to Building Commissioner	1 Horse	$ 65 00	
Poor House to Work House	250 Ft. I. Pipe.	40 00	
			105 00
Recorder of Deeds to Board of Health	1 Fan		5 00
Treasurer to Poor House	Desk & Chair.	$5 00	
Treasurer to City Lighting	Desk & Chairs	5 00	
			10 00
Water Department to Street Department	1720 Yds. Rock		481 60
Total			$2,437 52

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CITY OF ST. LOUIS

HEALTH DEPARTMENT.

TWENTY-SEVENTH

ANNUAL REPORT

——OF THE——

HEALTH COMMISSIONER

——FOR THE YEAR ENDING——

MARCH 31ST, 1904.

XXXVIth Annual Report of the Department.

JOHN H. SIMON, M. D.,
Health Commissioner.

BY THE DEPARTMENT.

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BOARD OF HEALTH.

HON. ROLLA WELLS.....Mayor and ex-Officio President

HON. J. L. HORNSBY.....President of the City Council

JOHN H. SIMON, M. D.....Health Commissioner and Presiding Officer.

WM. G. FRYE.....Member Board of Police Commissioners

ALBERT MERRELL, M. D.

H. WHEELER BOND, M. D.

FRANK A. J. HILLER, Clerk.

STANDING COMMITTEES.

On City Hospital and Female Hospital:
MR. HORNSBY and DR. BOND.

On Asylum, Poor House and Sanitary Office:
DR. BOND and MR. FRYE.

On Legislation and Rules:
DR. MERRELL and MR. HORNSBY.

City Chemist's Office and Milk Inspection Division:
DR. MERRELL and DR. BOND.

On Dispensary, Quarantine and Health Commissioner's Office:
MR. FRYE and MR. HORNSBY.

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LETTER SUBMITTING REPORT.

St. Louis, August 1st, 1904.

Sir—I have the honor to herewith submit my first annual report, embracing the period of the fiscal year ending March 31st, 1904. It is the twenty-seventh annual report of the Health Commissioner, and the thirty-sixth report of the Department. The reports of the various institutions under my direction, and of the sub-divisions of the Health Department are also herewith submitted.

I desire to express my profound thanks for the many courtesies extended to me by you during the past year, and to record my deepest appreciation of the ever ready co-operation with which you have so materially aided me to perform the duties imposed on me by charter and ordinance.

Very respectfully,

J. H. SIMON, M. D.,

Health Commissioner.

To the Honorable Rolla Wells, Mayor of the City of St. Louis, Missouri.

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HISTORY OF THE HEALTH DEPARTMENT FROM 1832 TO 1901, INCLUSIVE.

1832-33-34-35-36-37.....Cornelius Campbell, Health Officer
1838-39.....C. J. Carpenter, " "
1840-41.....J. N. McDowell, " "
1842.....John W. Prather, " "
1843.....John S. Moore, " "
1844.....John N. McDowell and M. M. Pallen, " "
1845.....John S. Moore, " "
1846.....M. M. Pallen and Josephus W. Hall, " "

There are no records in this Department showing who were the officials of the Health Department between the years 1846 and 1855.

1855.

G. W. Gottschalk. Erastus Wells.
John Sexton. G. Kyler.
J. F. Weston. Mr. Reilly.

S. W. Adreon, Health Officer.

1856.

Dr. Shore, President.

H. C. Lynch. P. Degan.
C. C. Campbell, C. D. Coleman.
C. C. Simmons. C. W. Horn.
John Horn. C. R. Anderson,
Chas. Tillson.

Dr. O. C. Johnson, Clerk.
S. W. Adreon, Health Officer.

1857.

C. C. Simmons, President.

H. C. Lynch. D. Powers.
A. Valle. C. D. Coleman.
Chas. Tillson. C. Horn.
J. Shore. James Doyle.

O. C. Johnson, Clerk.
Dr. E. F. Smith, Health Officer.

1858.

S. W. Adreon, President.

L. Babcock. T. G. Daily.
F. W. Gronebold. J. G. Vogel.
R. M. Renick. C. Horn.
P. Valle. James Doyle.
C. W. Tillson.

G. Kyler, Clerk.
Dr. E. F. Smith, Health Officer.

1859.

S. W. Adreon, President.

F. W. Gronebold. C. H. Tillson.
James Doyle. J. C. Vogel,

G. Kyler, Clerk.
Dr. E. F. Smith, Health Officer.

1860.

S. W. Adreon, President.

J. Sexton. J. W. Crane.
G. Kyler. J. C. Vogel.

G. Kyler, Clerk.
Dr. E. F. Smith, Health Officer.

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1861.

Dr. John W. Crane, President.

C. W. Gronebold. G. W. Dryer.
J. B. Burnett. T. Speer.

G. Kyler, Clerk.
Dr. E. F. Smith, Health Officer.

1862.

Dr. Solon Stark, President.

C. W. Gronebold. J. B. Burnett.
T. Neiderwieser. Thos. Dayly.

G. Kyler, Clerk.
Dr. E. F. Smith, Health Officer.

1863.

G. W. Gottschalk, President.

T. Neiderwieser. C. Horn.
J. Cheever. B. Charles.

G. Kyler, Clerk.
Dr. E. F. Smith, Health Officer.

1864.

Chas. W. Horn, President.

H. C. Gemp. J. Cairns.
H. Schepman. J. Cheever.
Chas. Schoenbeck.

Dr. A. Montomery, Clerk.
Dr. Hauessler, Health Officer.

1865.

Chas. W. Horn, President.

T. Neiderwieser. Berry H. Gemp.
J. Cheever. Borg.

Alex. Montgomery, Clerk.
Joseph Spiegelhalter, Health Officer.

1866.

John Finn, President.

J. P. Krieger. H. H. Belt.
C. Stiefel. R. S. King.

Dr. Jas. E. Folsom, Clerk.
Jos. Spiegelhalter, Health Officer.

1867.

Dr. John T. Hodgen, President.

Dr. E. F. Smith. Constantine Maguire.
Dr. Jos. Heitzig. Jos. S. Peace.

Dr. R. H. O'Brien, Clerk.
W. W. Grissom, Health Officer.

1868.

Ellsworth F. Smith, M. D. John T. Hogan, M. D.
Joseph Heitzig, M. D. John F. Thornton.

Dr. R. H. O'Brien, Clerk.
Dr. P. V. Schenck, Health Officer.

1869.

Hon. Nathan Cole, Mayor.

John T. Hodgen, M. D. Jos. Heitzig, M. D.
Ellsworth F. Smith, M. D. John F. Thornton.

Dr. R. H. O'Brien, Clerk.
Wm. L. Barrett, M. D., Health Officer.

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1870.

Hon. Nathan Cole, Mayor and Ex-Officio President.
Frank G. Porter, M. D. — Hon. David Powers.
Wm. S. Parker, M. D., — Mr. Julius Hunicke.
Dr. R. H. O'Brien, Clerk.
Wm. L. Barrett, M. D., Health Officer.

1871.

Hon. Joseph Brown, Mayor and President Ex-Officio.
Wm. S. Parker, M. D. — Julius Hunicke.
F. V. L. Brokaw, M. D. — Hon. Wm. Gurrie.
Richard O'Brien, M. D., Clerk.
Wm. L. Barrett, M. D., Health Officer.

1872.

Hon. Joseph Brown, Mayor and President Ex-Officio.
Hon. Elon G. Smith. — David H. Armstrong.
Dr. E. H. Gregory. — Dr. A. P. Lankford,
Dr. R. H. O'Brien, Clerk.
Dr. G. F. Dudley, Health Officer.

1873.

Hon. Joseph Brown, Mayor and President Ex-Officio.
Dr. E. H. Gregory. — Hon. Michael Madden.
Dr. A. P. Lankford, — D. H. Armstrong.
Dr. R. H. O'Brien, Clerk.
Dr. G. F. Dudley, Health Officer.

1874.

Hon. James H. Britton, Mayor and President Ex-Officio.
L. T. Pim, M. D. — John G. Priest.
Y. H. Bond, M. D. — Hon. Michael Madden.
Dr. R. H. O'Brien, Clerk.
Dr. Wm. L. Barrett, Health Officer.

1875.

Hon. H. Overstolz, Mayor and President Ex-Officio.
Wm. H. McPheeters, M. D. — John G. Priest.
Jos. Spiegelhalter, M. D. — Chas. W. Francis.
Dr. James O'Gallagher, Clerk.
Dr. Wm. L. Barrett, Health Officer.

1876.

Hon. H. Overstolz, Mayor and President Ex-Officio.
Wm. H. McPheeters, M. D. — John G. Priest.
Jos. Spiegelhalter, M. D. — Chas. W. Francis.
Dr. James O'Gallagher, Clerk.
Dr. Wm. L. Barrett, Health Officer.

1877.

Hon. H. Overstolz, Mayor and Presiding Officer.
Chas. W. Francis, Health Commissioner.
Henry Marthens, M. D. — Dr. J. Spiegelhalter.
John G. Priest. — John H. Lightner.
Dr. Edward W. Jamison, Clerk.
Dr. Geo. Homan, Chief Sanitary Officer.

1878.

Hon. H. Overstolz, Mayor and Presiding Officer.
Chas. W. Francis, Health Commissioner.
Henry Marthens, M. D. — John G. Priest.
Jos. Spiegelhalter, M. D. — John H. Lightner.
Dr. Edward W. Jamison, Clerk.
Dr. Geo. Homan, Chief Sanitary Officer.

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1879.

Hon. H. Overstolz, Mayor and Presiding Officer.
Chas. W. Francis, Health Commissioner.
Jos. Spiegelhalter, M. D. — John H. Lightner.
W. B. Conery, M. D. — Leslie A. Moffett.
Dr. Robert Luedeking, Clerk.
Dr. Geo. Homan, Chief Sanitary Officer.

1880.

Hon. H. Overstolz, Mayor and Presiding Officer.
Chas. W. Francis, Health Commissioner.
Jos. Spiegelhalter, M. D. — John H. Lightner.
W. B. Conery, M. D. — D. H. Armstrong.
Dr. Robert Luedeking, Clerk.
Dr. Geo. Homan, Chief Sanitary Officer.

1881.

Hon. Wm. L. Ewing, Mayor and Presiding Officer.
Chas. W. Francis, Health Commissioner.
Jos. Spiegelhalter, M. D. — Geo. W. Parker.
W. B. Conery, M. D. — Sam'l Cupples.
part of year.
Dr. Robert Luedeking, Clerk.
Henry Remnitz, Chief Sanitary Officer.

1882.

Hon. Wm. L. Ewing, Mayor and Presiding Officer.
Chas. W. Francis, Health Commissioner.
Geo. W. Parker. — Jos. Spiegelhalter, M. D.
W. B. Conery, M. D. — D. W. Caruth.
Dr. Robert Luedeking, Clerk.
Henry Remnitz, Chief Sanitary Officer.

1883.

Hon. Wm. L. Ewing, Mayor and Presiding Officer.
John J. Fitzwilliams, Health Commissioner (six months).
John D. Stevenson, Health Commissioner (six months).
Jos. Spiegelhalter, M. D. — Geo. W. Parker.
W. B. Conery, M. D. — D. W. Caruth.
Robert Luedeking, M. D., Clerk.
Dr. Willis Hall, Chief Sanitary Officer.

1884.

Hon. Wm. L. Ewing, Mayor and Presiding Officer.
John D. Stevenson, Health Commissioner.
Jos. Spiegelhalter, M. D. — Geo. W. Parker.
E. M. Nelson, M. D. — Jas. L. Blair.
Gib. W. Carson, M. D., Clerk.
Chas. W. Francis, Chief Sanitary Officer.

1885.

Hon. D. R. Francis, Mayor and Presiding Officer.
John D. Stevenson, Health Commissioner.
Jos. Spiegelhalter, M. D. — Geo. W. Allen.
E. M. Nelson, M. D. — Jas. L. Blair.
Gib. W. Carson, M. D., Clerk.
Chas. W. Francis, Chief Sanitary Officer.

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1886.
Hon. D. R. Francis, Mayor and Presiding Officer.
John D. Stevenson, Health Commissioner.
Jos. Spiegelhalter, M. D. Geo. W. Allen.
E. M. Nelson, M. D. James L. Blair.
Gib. W. Carson, M. D., Clerk.
Chas. W. Francis, Chief Sanitary Officer.

1887.
Hon. D. R. Francis, Mayor and Presiding Officer.
Geo. F. Dudley, Health Commissioner.
R. C. Atkinson, M. D. Geo. W. Allen.
J. R. Lemen, M. D. E. Wilkerson.
F. W. Lowery, M. D., Clerk.
Chas. W. Francis, Chief Sanitary Officer.

1888.
Hon. D. R. Francis, Mayor and Presiding Officer.
Geo. F. Dudley, Health Commissioner.
R. C. Atkinson, M. D. Geo. W. Allen.
J. R. Lemen, M. D. Chas. H. Turner,
F. W. Lowery, M. D., Clerk.
Chas. W. Francis, Chief Sanitary Officer.

1889.
Hon. Geo. W. Allen, Acting Mayor Part of the Year.
Hon. Sdward A. Noonan, Mayor and Presiding Officer.
Geo. F. Dudley, Health Commissioner.
R. C. Atkinson, M. D. C. P. Walbridge,
J. R. Lemen, M. D. Chas. H. Turner.
W. L. Blickhahn, M. D., Clerk.
Chas. W. Francis, Chief Sanitary Officer.

1890.
Hon. Edward A. Noonan, Mayor and Presiding Officer.
Geo. F. Dudley, Health Commissioner.
R. C. Atkinson, M. D. C. P. Walbridge.
J. R. Lemen, M. D. Chas. H. Turner,
Dr. Seward Finney, Clerk.
Chas. W. Francis, Chief Sanitary Officer.

1891.
Hon. Edward A. Noonan, Mayor and Presiding Officer.
Geo. F. Dudley, Health Commissioner.
A. C. Robinson, M. D. C. P. Walbridge,
Otto Forster, M. D. D. W. Caruth.
Seward A. Finney, M. D., Clerk.
Chas. W. Francis, Chief Sanitary Officer.

1892.
Hon. Edward A. Noonan, Mayor and Presiding Officer.
Wm. N. Brennan, Health Commissioner.
A. C. Robinson, M. D. C. P. Walbridge.
Otto Forster, M. D. D. W. Caruth.
Seward A. Finney, M. D., Clerk.
Chas. W. Francis, Chief Sanitary Officer.

1893.
Hon. C. P. Walbridge, Mayor and Presiding Officer.
Geo. Homan, M. D., Health Commissioner.
A. C. Robinson, M. D. Chas. Nagel.
Otto Forster, M. D. D. W. Caruth.
Cornelius Moloney, Clerk (one month).
Morris Jacks, Clerk.
Chas. W. Francis, Chief Sanitary Officer.

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1894.

Hon. C. P. Walbridge, Mayor and Presiding Officer.
Geo. Homan, M. D.. Health Commissioner.
A. C. Robinson, M. D. — Chas. Nagel.
Otto Forster, M. D. — D. W. Caruth.
Morris Jacks, Clerk.
Chas. W. Francis, Chief Sanitary Officer.

1895.

Hon. C. P. Walbridge, Mayor and Presiding Officer.
Dr. Max C. Starkloff, Health Commissioner.
C. H. Hughes, M. D. — Chas. Nagel.
Albert Merrell, M. D. — Jere Fruin,
Jas. Bannerman. — part of year.
Tobias Mitchell, Clerk.
Chas. W. Francis, Chief Sanitary Officer.

1896.

Hon. C. P. Walbridge, Mayor and Presiding Officer.
Dr. Max C. Starkloff, Health Commissioner.
C. H. Hughes, M. D. — Chas. Nagel.
Albert Merrell, M. D. — James Bannerman.
Dr. J. H. Bruere, Clerk.
Chas. W. Francis, Chief Sanitary Officer.

1897.

Hon. Henry Ziegenhein, Mayor and Presiding Officer.
Dr. Max C. Starkloff, Health Commissioner.
C. H. Hughes, M. D. — Anton C. Stuever.
Albert Merrell, M. D. — E. F. W. Meier.
Max Kaufman, Clerk.
Chas. W. Francis, Chief Sanitary Officer.

1898.

Hon. Henry Ziegenhein, Mayor and Presiding Officer.
Dr. Max C. Starkloff, Health Commissioner.
C. H. Hughes, M. D. — Anton C. Stuever.
Albert Merrell, M. D. — E. F. W. Meier.
Max Kaufman, Clerk.
Chas. W. Francis, Chief Sanitary Officer.

1899.

Hon. Henry Ziegenhein, Mayor and Presiding Officer.
Dr. Max C. Starkloff, Health Commissioner.
H. N. Chapman, M. D. — Anton C. Stuever.
Albert Merrell, M. D. — E. F. W. Meier.
Max Kaufman, Clerk.
Chas. W. Francis, Chief Sanitary Officer.

1900.

Hon. Henry Ziegenhein, Mayor and Presiding Officer.
Dr. Max C. Starkloff, Health Commissioner.
H. N. Chapman, M. D. — Anton C. Stuever.
Albert Merrell, M. D. — E. F. W. Meier.
Max Kaufman, Clerk.
Chas. W. Francis, Assistant Health Commissioner.

1901.

Hon. Rolla Wells, Mayor and Presiding Officer.
Dr. Max C. Starkloff, Health Commissioner.
H. N. Chapman, M. D. — A. F. Blong.
Albert Merrell, M. D. — J. L. Hornsby.
Max Kaufman, Clerk.
Chas. W. Francis, Assistant Health Commissioner.

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1902.

Hon. Rolla Wells, Mayor and Presiding Officer.
Dr. Max C. Starkloff, Health Commissioner.
H. N. Chapman, M. D. — A. F. Blong.
Albert Merrell, M. D. — J. L. Hornsby.
Max Kaufman, Clerk.
Charles W. Francis, Assistant Health Commissioner.

1903.

Hon. Rolla Wells, Mayor and Presiding Officer.
Dr. John H. Simon, Health Commissioner.
Albert Merrell, M. D. — Wm. G. Frye.
H. Wheeler Bond, M. D. — Jos. L. Hornsby.
Frank A. J. Hiller, Clerk.

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REPORT.

The health of the city during the past year has, on the whole, been exceedingly good. This is clearly manifest when we consider the conditions existing during the construction period of the World's Fair. A great number of workmen were attracted here in the expectation of securing employment, and while most of them were successful, there was a contingent who had neither the natural nor the artificial equipment to withstand the rigors of the winter, and many of this class suffered severely from ailments occasions by exposure. The flood, following the notable rise in the Mississippi river in June, 1903, also contributed materially to the death rate. It forced many sick and disabled persons to flee from their homes in the lowlands of Missouri, Arkansas, Illinois and Iowa to St. Louis, where they sought refuge and treatment in our hospitals.

The ratio of mortality in this report is based upon an estimated population of 670,000, which is so conservative that most persons regard it as too low. The death rate was 17.14 per thousand against 16.60 the preceding year. The greatest proportion of increase in deaths was in measles, there being 125 deaths recorded in 1903-04 against 27 in 1902-03. This is accountable for by the fact that directly after the flood there was an epidemic of measles. A great many adults were attacked and those from the flooded districts seemed peculiarly susceptible to the disease. In consequence our dispensaries were crowded for months with people with the eruption on them who had come to the city from neighboring states.

There was a tremendous increase in the number of deaths caused by pneumonia; 1,220 persons succumbed to this disease in 1903-04 as against 946 the preceding year. As a matter of fact pneumonia was very prevalent all over the United States during January, February and March, 1904, particularly in the large cities. This is attributable largely to the long and severe winter.

A noticeable increase in the number of suicides and deaths resulting from accidents also served to raise the ratio of mortality. There was a net increase of 35.81 per cent in the number of suicides, and one of 28.45 per cent in accidental deaths.

Typhoid fever showed a slight increase also, there being 284 deaths from this disease as compared to 231 the preceding year.

There was but little change in the mortality of tuberculosis, the deaths attributable to this disease being 1,169 against 1,095 in 1902-03.

The proportion of the number of births to that of deaths showed a considerable increase. There were 12,074 births recorded, and 11,486 deaths, a difference of 588 in favor of the birth rate. During the preceding year there were 10,851 births, or 1,223 fewer than in 1903-04. These figures, gratifying as they are in showing that the proportion of births in the city exceeds that of deaths, do not tell all the truth, for, unfortunately there are physicians and midwives who are remiss in the duty of seeing that the births of children delivered by them are duly placed on record. On the other hand the death record is accurate, so it would appear that there is an even larger percentage of births over deaths than the statistics show on their face.

The general sanitary condition of the city has been greatly improved. The credit for this condition is due in a large measure, though not entirely, to the increase in paved streets and alleys, and the construction of sewers in outlying districts. The filling up of ponds in every quarter of the city under the supervision of the Chief Sanitary Officer; a careful and systematic inspection of dairies in the city limits and a firm insistance upon improvements in the methods of operating them; the rigid enforcement of the law requiring the abatement of such nuisances as ash heaps, manure piles, and other foci of disease; the care exercised to promote the sanitary welfare of the residents of the tenement districts; in short the strenuous and untiring efforts of the Department Officials to keep the ciy clean have had their inevitable effect in suppressing disease at this most critical period.

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WATER SUPPLY.

The city is to be complimented and congratulated upon the splendid work that has been done in clarifying and purifying the water supply. Without disparagement to any other department it may be properly and truthfully stated that the achievement of the Water Commissioner during the past year in providing the city with a bountiful supply of water, that is not only agreeable to eye and palate, but is vastly improved from both a chemical and bacteriological standpoint, stands alone. It was done with such small self-exploitation that the general public did not fairly realize the change. It was done so effectively that frequent examinations by the City Chemist and City Bacteriologist tend to indicate that under the present system of purification almost 99 per cent of all organic and inorganic substances detrimental to heatlh are removed between the Gate Chamber at the Chain of Rocks and the tap of the householder. This improvement of the quality of the water supply cannot but have a beneficial effect upon the health of the people of the city and is therefore particularly gratifying to the officials of the Health Department.

MEAT INSPECTION.

The Department has given the matter of the inspection of the meat supply more attention in the last twelve months than it has ever before received in the history of the city. Excellent results were achieved considering the small force of inspectors provided for by law. The men worked faithfully and efficiently, but in the nature of things were compelled to leave undone many things that would have doubtless promoted the health of the city. I concur in the recommendations of the Assistant Health Commissioner that the force of inspectors be increased and their powers enlarged; that provision should be made for the inspection of animals intended for food before they are slaughtered, and that a law be passed regulating the bringing of butchered animals into the city. The American people are great consumers of meat and it is of paramount importance that this and all other food supplies should be pure and wholesome.

FOOD INSPECTION.

The city ordinances relative to the inspection of food are woefully defective. It is my understanding that an ordinance dealing with this subject was prepared several years ago and submitted to the Municipal Assembly, but no action was taken on it. I have now in course of preparation an ordinance to regulate this very important matter. It is patterned in a great measure after the law passed by the Congress of the United States in relation to the food supply of the District of Columbia. To carry out the provisions of this law will, of course, require a large increase in the working force in the City Chemist's office. In fact there should be a distinct branch of that office devoted exclusively to this subject.

ICE INSPECTION.

On reading the law and regulations regarding ice that is brought to this city, it would occur to the casual observer that the consumer was amply protected from impure ice, but this is not the case. The great bulk of the ice brought here comes from points far from the city limits. Some of it (let us hope much the larger part) is the congealed products of spring-fed lakes, whose waters are as pure as they are beautiful, but the remainder! Where is that from? What stagnant pond or sluggish stream laden with the sewage of populous towns was it cut from? The Health Commissioner has no means of satisfying himself that the body of water from which ice that is brought here is cut had not received sewer pollution. Having no information on the sub-

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ject he cannot refuse to allow the ice to enter the city. The law requires every person bringing ice into the city to notify the Health Commissioner where it was cut and where it is to be stored. This law is frequently ignored. Car-load after car-load of ice is brought into the city, and is stored for sale, of which the Health Department receives no notice. Ice should be inspected in the same manner as food is. Samples should be taken from the wagons of the dealers or from their store-houses and be chemically and bacteriologically examined. I shall endeavor to include this matter in the ordinance relating to pure food.

TENEMENT HOUSE ORDINANCE.

The matter of the regulation of tenement houses is one in which St. Louis is far behind other large cities of the United States. There is no practical and effective law on the subject, and the result is that many of the tenement houses are unsuited for the purpose, and calculated to prejudice the health of the city. It appears to have been the custom here to convert old dwellings and factories into tenements without regard to the most simple sanitary rules. We have a large number of such buildings, the owners of which pay not the slightest attention to the protection of the tenants from conditions that create disease. The plumbing is defective, the receptacles for ashes and garbage are the veriest make-shifts, and ventilation is almost non-existent. The greater portion of our tenement houses are a disgrace to the municipality, and it is a reflection on the community that they are permitted to exist. I have in course of preparation an ordinance, which I hope to induce the Municipal Assembly to enact, that will, I believe, remedy this evil, and incidentally bring about a material reduction in the death rate. It is modeled after the law under which the Tenement House Department of the municipal government of Greater New York has worked since its creation in 1902, and under which the death rate of that city was materially reduced, while the comfort of the poorer classes of people was considerably increased. Certain features of the New York law could not, on account of the physical variations of the two cities, be appropriately introduced and enforced in St. Louis and those have been eliminated from the ordinance in preparation. The contemplated law will provide for the proper ventilation of every apartment in a tenement or lodging house; for a janitor, or other custodian, who shall reside on the premises, and whose duty it shall be to observe sanitary regulations; for necessary drainage, and for other matters necessary to preserve the health of the occupants. It also empowers the authorities of the Health Department to force all tenants to vacate a tenement or lodging house that has been condemned as unsanitary. This feature of the New York law was found to be a most important one, and proved to be very effective in forcing owners and agents who were disposed to ignore the orders of the Department to make the changes necessary to protect the public as well as the occupants of tenement houses from disease.

While St. Louis will never, in all probability, become a victim to the tenement house evil to such an extent as other cities with less available and desirable space for building purposes, still, it appears to be the nature of certain classes of people to herd in as close proximity to each other as possible, and it is from these classes that the tenement house population of the city is recruited. They are with us now, and will always be here, and it is necessary, not only for their welfare but for the protection of the people at large that the dwelling places they occupy, whether it be from choice or necessity, be subject to wise and stringent sanitary regulations.

GARBAGE COLLECTION.

When I came into office I found that the work of collecting garbage was being done by a private corporation, under a contract made years ago. It required only a few months' experience and observation to con-

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vince me that while the contractor might be doing passably well, the law under which his contract existed had been defectively drawn, and that the collection of garbage could not be properly made under the conditions that exisited. Everything was done to make the contractor live up to his contract as closely as possible. After a fair trial I was convinced that the work would never be thoroughly and satisfactorily done until it was taken hold of by the city. Circumstances brought about a change in conditions and in February last the city became the possessor of the hauling plant and took up the work of collecting the garbage. In the short time this work has been done by the city there has been a noticeable improvement, though there is still room for the betterment of the service. I am satisfied, however, that when the city officials who now have the matter in charge have had more experience it will be found that reasonable satisfaction is being given, and I believe that the city should continue to remove the garbage with its own teams.

The disposal of garbage is now the burning question before the municipal authorities. Last fall I was appointed on a Committee, composed for the most part of members of the Council and House of Delegates, to visit several of the large cities of America and examine into the various methods in vogue of disposing of garbage. After the return of the Committee I prepared a report containing the results of the inquisition, and giving my views as to the best method for this city to treat the subject. This report I present as applicable at the present time.

City of St. Louis, November 1, 1903.

To the Honorable Board of Health,

Hon. Rolla Wells, Mayor and Presiding Officer.

Gentlemen—I have the honor to submit herewith my report as Health Commissioner, of conditions found in five large cities relative to the disposal of municipal waste. As a member of the Sanitary Committee appointed to investigate the various methods of reduction, I beg to state that the inspecting tour to the cities hereinafter named proved highly instructive and, we hope, will be of material aid in securing for the City of St. Louis the best possible system for the collection and final disposition of refuse matter and garbage.

The word "garbage" used throughout this report is taken to mean table refuse only; that is, all refuse animal and vegetable matter from the kitchen. "Swill," which in the East is synonymus with garbage, is here taken to mean the excess fluid portion of the garbage only, whether it be contained essentially in the garbage itself as exudation from vegetables, or has been added by the householder. Dishwater, slops and all filthy liquids are included in this term. Rainwater falling into uncovered receptacles for garbage is also included. In some cities, particularly where garbage and refuse are reduced by incineration, the ordinances provide that garbage must be drained before being put into the legal receptacle.

"Rubbish" implies all waste material excepting ashes, garbage and building waste, and the sweepings from streets; all substances commonly called trash, and considered usually as valueless stuff. It is divided for obvious reasons into combustible and non-combustible rubbish.

"Tankage," from the fact that it has been cooked or digested in large cylinders of tanks, is the solid matter of garbage left after the water has been extracted; it forms the basis of the fertilizer.

The problem of how to dispose of garbage scientifically is just now only beginning to be solved. There is no system of disposal which gives entire satisfaction. Many different methods have been tried with varying and for the most part meager success. The natural disposition of kitchen offal is feeding to domestic animals. This is the method followed in isolated households, in rural districts and in the smaller villages where chickens, swine and even cattle presumably thrive on its consumption. It is conceded by most farmers and cattle raisers with whom I have spoken that garbage-fed cows give a poor quality of milk, but there is no

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evidence that fresh garbage when fed to swine produces anything but good pork; and indeed there is no reason why it should not, especially if corn is used for the final fattening. As villages grow into towns and the amount of refuse becomes a factor to be reckoned with, we find communities resorting to the system of "dumps," the first attempt to dispose of offensive waste and at the same time to utilize it—that is by filling in low-lands. This method of disposal is not as offensive as might be supposed at first glance. The garbage is usually mixed with a large percentage of ashes which act as an absorbent and deodorizer. Observations made in Louisville and Montreal indicate that no more than 25 per cent of the total mixture gathered consists of garbage proper. Where this material is used as filling, the town as a rule employs a man at each of the dumps to spread over it a thin layer of lime or some combination of carbolic acid, and the whole mass is finally covered with clean earth. This method of course is very unsatisfactory and gives rise to many complaints, more especially during rainy weather, and in places where the refuse is dumped into holes or abandoned quarries containing water. In Montreal owners of low-lands who apply for filling are compelled to have them pumped out first if they contain water. The system, if indeed it can be called a system, has nothing to recommend it, except the low cost of disposal, there being practically no expense incurred except in hauling, and it is not in vogue in progressive cities.

The dumping of offal into streams is manifestly the worst offense of all. It is a dangerous procedure, a menace not only to the health of the town which thus deposits its garbage but to the other communities as well. It is the earnest hope of sanitarians throughout this country that the ultimate result of the Chicago Drainage Canal controversy will be rigid national legislation against the reckless pollution of streams.

As towns grow into cities the problem becomes more intricate. With the increase of population comes a corresponding increase of refuse material, and more than a corresponding increase in the danger to the health of the people from unremoved putrescible garbage. The collection itself of offal becomes a serious proposition. So that sooner or later every city is confronted by the question: "How shall we dispose of our refuse most effectively, most economically and with greatest sanitary precaution?"

Efforts on the part of Health Officers and others, principally the officers of street cleaning departments in large cities, to answer this question have resulted in the invention of various processes for the reduction of garbage, all of which are more or less defective, and all of which ar based on one of two qualities essentially inherent in all garbage.

Garbage is (1) **useful,** or at least something useful can be extracted from it, and (2) it is **offensive.**

In casting about for a system which would get rid of garbage effectively and at the same time economically, certain early investigators evolved the plan now called the "utilization" process. Others, impressed more by the offensiveness of garbage and actuated by an honest intention to dispose of garbage in a more sanitary manner devised the plan of "incineration."

It was principally to study the relative merits of these two methods that this Committee arranged its itinerary to include the following cities:

Louisville, Montreal and Minneapolis, which have adopted the plan of incineration; New York and Washington, which dispose of their garbage by utilization.

Early in this investigation it became evident that the collection of garbage was so intimately bound up with its reduction as to be almost inseparable from it; so that, although the Committee was instructed to report on disposal only, it has deemed best to include a partial report at least of garbage collection.

It is not the purpose of this brief paper to enter into the details and technique of the different processes examined, but to state simply the bare facts as found in the various cities visited, and to make deductions

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therefrom with a view of giving the city of St. Louis the least imperfect and most effective, most economical and most sanitary method of disposal of municipal waste known at the present time.

LOUISVILLE, KY.

Louisville has a population of 206,000.

The collection and disposal of garbage is done by the Street Cleaning Department. The Assembly appropriated last year $128,000 for keeping the streets clean; of this $40,000 was for the hauling of offal and ashes, and $88,000 for sweeping and cleaning.

The plan adopted by the city was incineration by the Dixon patent process. The contractor guaranteed to dispose of 80 tons per day, but actually disposed of only about 30 tons at a cost of about $35.00 or $1.16 2-3 per ton.

The disposal of garbage by this method was not successful. By some it is stated that the process itself was at fault, while others contend that it was due to the fact that householders would not separate the ashes from the garbage.

There is an ordinance in the city compelling proper separation.

The contractor operated this plant for six months only and then discontinued it. The city then purchased the plant for $22,000 and after ten days' trial was compelled to shut down the works.

It was found that odors emanating from the plant were noxious and offensive, so that the city lost a suit for damages, the court holding that the incinerator was a nuisance and a detriment to adjoining property.

While the plant was in use the city itself separated the garbage from the noncombustible rubbish at a great expense. It is but fair to state that this process of separation may have been largely responsible for the stenches about which citizens complained so bitterly.

At any rate the Dixon incinerator was abandoned in April, 1891, and Louisville is at present disposing of its garbage in the most primitive of all "systems," that is by depositing it in low lands.

There are six principal "dumps," all located within the city. These are deep holes situated on private property, and the garbage mixed with ashes, etc., is used as a "filling."

It is estimated that about 25 per cent of the entire mixture collected is garbage. The ashes absorb all of the moisture and after the material has been dumped it is covered with a dry disinfectant called Maxwell's disinfectant. This is a dark earthy substance with a strong odor of crude carbolic acid.

Lime was tried as a disinfectant and was conceded to be effective, but for some reason not stated the Maxwell disinfectant was substituted.

The hauling of garbage, ashes, rubbish, etc., as stated above, is done by the Street Cleaning Department. The wages paid are below the wages in this city, even when the demand for labor is normal. A man and a team receive $3.25 for nine hours' work, and the officers in charge of this Department state that it is almost impossible to get good men. Each team makes an average of seven loads each day, it is stated, and the average length of each haul is 1½ miles. This looks hardly possible when one considers the time consumed in actually collecting the garbage.

The collection of garbage, ashes, rubbish, etc., is made every other day, but on improved streets only. The whole mixture is placed in boxes on the sidewalk and on streets, even in the main business thoroughfares. The total cost for hauling is 53 cents per load.

It is well to note here that concerns which produce much ashes and cinders, and which have large vegetable and animal offal, including factories, hotels, etc., must carry away the refuse matter at their own expense. Individuals may, if they so desire, haul away their own garbage, but the garbage must be brought to one of the regular city "dumps."

The carcasses of dead animals are sold to a contractor, who buys the carcass outright from the owner, the average price paid for horses being about $3.00.

In the investigation at Louisville we were materially assisted by

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Mr. Wm. Small, Superintendent of the Street Cleaning Department, and Mr. Richard G. Heffernan, the clerk of the same Department.

WASHINGTON, D. C.

Washington has tried various methods. At first the simple plan of having farmers call for the garbage and feed it to hogs was tried. This, of course, was not satisfactory, and eight years ago the incineration plan was established.

The first incinerator operated was the "Brown" patent incinerator; this one burned down and a "Smith" incinerator was established. Both of these, it is stated, failed to give satisfaction and were discontinued.

The city then carried the garbage on scows down the river and dumped it into the Potomac river, but the citizens of Alexandria, a village four miles below, became aroused and threatened open hostilities, going even so far, according to the assertion of some of the residents, as to fire upon the scows, sinking two of them.

After this a farmer, cultivating many acres of land just outside of the city, carted away all the garbage and used it in its crude state as a fertilizer, spreading it over his land and plowing it under. This was done for four years, until it became so much of a nuisance that the State of Maryland prohibited it, and enacted a law prohibiting any and all garbage scows from landing on its shores.

The present plan is the reduction of garbage by the utilization process. The contract under which the collection and disposal of garbage is now accomplished was let December 1st, 1900, and ends November 3, 1905. The company having the contract collects garbage **only**, there being no provision for the collection of ashes, rubbish, etc. The work is done under the supervision of the Street Cleaning Department.

The householders are compelled to make primary separation of garbage and they do it fairly well. There is an ordinance compeiling primary separation, but so far as could be learned no arrests have ever been made for the violation of the law in this respect.

Dead animals are collected by the contractor, and rendered at the garbage plant, together with the garbage.

Manure is called for by private individuals who cart it away in sacks.

Most of the rubbish, straw, etc., is hauled to the outskirts of the city and used for filling vacant lots that are low.

Paper, boxes, rags and all combustible waste of rubbish is taken to the old crematory (Smith), which did not give satisfaction in burning garbage, and there destroyed. The heat generated by this waste is not utilized.

The City of Washington is 10 miles square and has a population of 290,000. A large percentage of the people reside in hotels, which is an important fact, when we are considering the hauling of garbage. There is a floating population in Washington of from 5,000 to 10,000, which remains in the city from about May 1st to November 1st.

In some parts of the city, that is in those centrally located and paved, the collection of garbage is made daily, from April 1st to October 31st, and three times a week from October 31st to April 1st. In other parts of the city, that is those not centrally located and those parts where the streets are not paved, collections are made three times a week.

The garbage receptacles, according to ordinance, must be of metal and must be water tight and covered; the capacity must not exceed 10 gallons.

Boxes for waste paper are stationed at convenient places in the main thoroughfares.

The present contractor agrees to haul the garbage and dispose of it properly for $2.00 per ton, providing the total amount to be disposed of does not exceed 20,000 tons. For every ton over 20,000 he pays the city 50 cents per ton. Thus he received last year $40,000 for disposing of 20,000 tons, and then reduced 13,000 tons in excess of the 20,000 contracted for. For this (13,000 excess tons) he paid the City of Washington $6,500 rebate, whch was deducted from the $40,000. He explains

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this apparent inconsistency by saying that the hotels were giving away or selling all the offal which makes the reduction of garbage profitable, and he insisted on having that part of the garbage also. The courts then decided that no one was permitted to sell, or give away, garbage for feeding swine or any other purpose, and now the contractor collects it all with the financial result just stated. The contractor employes 59 one-horse wagons; the drivers are paid $1.25 per day. The wagons consist of removable sheet iron boxes three feet wide by two feet high and nine feet long, placed upon ordinary running gear or truck; they hold from 2,500 to 3,000 pounds. The cost of each wagon box is about $30.00.

These iron boxes (separable from the truck) are brought to the railroad tracks when filled; they are raised by pulley and crane and are swung off the truck on to a flat-car. An empty box is then swung into its place and the driver goes after another load. These boxes or tanks have two lids, which fit down fairly well so as to confine the garbage and odors; rubber pads are placed under the lids to keep them from rattling. These wagons are painted twice a year with asphalt and look reasonably clean and inoffensive.

The railroad cars containing these filled boxes or tanks, placed in two tiers one above the other, are sent 27 miles from Washington to a place called Cherry Hill, where the reduction plant is situated. This plant is one of the Arnold system, with Chamberlin patent tanks. It seems entirely inadequate to consum the garbage. The garbage is not dumped directly into the digestor, but deposited on the floor of the second story of the building, where the iron boxes have been raised by crane and pulley and emptied.

The plant emits a very offensive odor, even in cool weather. A tremendous amount of garbage was heaped up on the second floor of the building, probably 300 or 400 tons. Some was thrown on the ground near the plant and a great deal of tankage had been lying loose in great heaps so long that vegetation to the height of two or three feet was growing thereon.

The plant has thirteen digestors; two of these it is said were blown up by an explosion. This plant at Cherry Hill was the most offensive one visited by the Commission.

A summary of all the conditions found at Washington would indicate that it has the very worst reduction and the very best collection of the various cities the Commission visited.

NEW YORK.

Considering all the factors that enter into the problem of how to keep a city clean, New York has by far the best system of disposal of municipal waste. It has adopted the utilization plant. The chief reason for its success is that New York is easily first in the enforcement of primary separation. It is forbidden by city ordinance to throw any discarded scrap or article into the street. It specifies that paper, newspaper, ashes, dirt, garbage, banana skins and the like shall not be deposited in any public thoroughfare. The primary separation made by the householder provides for three kinds of waste: First, kitchen or table waste, meats, vegetables, fish, etc., to be placed in a garbage receptacle; second, ashes, sawdust, sweepings, tin cans, broken crockery, etc., into an ash receptacle; third, paper, rags, old clothes, straw, etc., must be securely bundled up and tied to await its removal by the rubbish man.

The result of this arrangement is that New York has a very fair primary separation. The ordinance regulating the cleaning of streets and sidewalks provides that "No person or persons shall throw, cast or lay, or direct, suffer or permit any servant, agent or employes to throw, cast or lay, any ashes, offal, vegetables, garbage, dross, cinders, shells, straw, shavings, paper, dirt, filth or rubbish of any kind whatsoever in any street in the city of New York, either upon the roadway or sidewalk thereof, except that in the morning before 8 o'clock, or be-

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fore the first sweeping of the roadway by the Department of Street Cleaning, dust from the sidewalk may be swept into the gutter, if there piled, but not otherwise and at no other time." Three warnings are usually sent to the householders who violate this ordinance, before they are brought into court.

The first warning is a small card calling the attention of the householder to the ordinance, and written in three languages, English, Italian and Greek; it is carried to the respective houses by the police. When this warning is not heeded a second is sent and finally a third or last notice; whereupon the householder, if he persists in refusing to make proper separation, is brought into court. There were many violations of this ordinance in the outset, and much murmuring and protesting against the law, but the people soon learned that it was easier to obey the law than to be brought into court, with the result that the Street Cleaning Department now has very little trouble with householders. Contrary to what might be expected, the authorities found more violation of the separation clause among the wealthy residents than among the poor.

There were 1,800 arrests made for violating this ordinance, and the guilty persons were fined $1.00 on conviction, for each offense.

The garbage proper is hauled in carts to the river and dumped upon scows. These scows are towed away to Barren Island, where the reduction plant is situated. Here the utilization plan again has been adopted and that by the Arnold process.

The scows are towed up into close proximity of the plant, and the garbage is shoveled or raked into conveyors running upward on a belt and dumped from these into the digestors.

There is not any great amount of odor in the plant itself, but the unloading of the scows is productive of intensely foul smelling odors.

The carts used in the collection of garbage are one-horse "Thomas Hill" carts; they contain 1.19-27 cubic yards and cost $110 each. The paper carts contain 105½ cubic feet, or 3.91 cubic yards; they cost the city $105 each. Both these carts give entire satisfaction.

The number of loads of all the city's waste for 1902 was 1,899,256, and the total amount of garbage collected from January 1, 1902, to December 31, 1902, was 205,691 loads. The total cost for the collection of the city's waste for 1902, called the Carting Account, was $1,055,050.19. The contract for the disposal of garbage delivered to the "dumps" by the department, that is to the scows, was $232,000 for Manhattan and $17,037 for the Bronx, or $1,211 per ton.

The city has thirteen dumps (scows) situated along the East and North Rivers. Twenty-two of the scows in use belong to the Street Cleaning Department of the city, but sometimes 60 or 70 scows are employed to carry away the garbage and then, of course, the city hires the extra scows.

The City of New York has a daily collection of garbage, and garbage and refuse is collected on Sunday until 12 o'clock.

In most parts of the city the collection of refuse is made daily in the morning of each day; the ashes and sweepings are taken first, each cart taking two loads of this material. During the remainder of the day the carts collect garbage until the garbage hauling has been completed and then they take ashes and sweepings again until night. The ashes and sweepings are used largely for "filling" in certain districts of the Bronx.

The largest proportion of ashes are towed out on scows to Rikers Island, located in the East River, and belonging to the City of New York, and used there as "filling." In this way 63 acres have been added to the acreage of Rikers Island, representing what is estimated to be about $630,000 in real estate.

The City of New York has erected a plant for the disposal of rubbish and paper at a cost of $20,000. The privilege for picking the rubbish of the city in this plant has been conceded to a contractor who pays the city $250 per week, and in addition furnishes labor to trim

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the scows for the city. The contractor furnishes all the men and takes care of the small incinerator furnaces in which the rubbish is destroyed. The method of picking waste that can be utilized will be considered in another place. All rubbish and waste that has passed the pickers or sorters, is placed in the furnace, and the heat generated is uitlized to run a 250 horse-power boiler, which operates all the machinery for the plant. It was stated by the Superintendent of the Department that about 250 more horse-power could be added, and he intends to utilize it himself in the near future, or rent out the power to manufacturers in the neighborhood of the works.

MONTREAL.

Montreal has two methods of disposing of its garbage: First, the "dumps," the holes and quarries where the garbage, ashes and rubbish are thrown in as "filling;" this is done in two-thirds of the city; second, the incinerator, patented by Charles Thackery; this was built in 1894.

The whole unseparated waste is hauled to the plant, on the outskirts of the city, and the ashes are separated from the rest of the material collected by means of a large cylindrical sieve, 10 feet long and about 5 feet in diameter, which is kept constantly revolving. The sieve is tilted so that the ashes fall through into one bin or box, and the garbage, rubbish, etc., into another. Until September, 1902, the ashes were burned along with the other material, when it was found they did not contain sufficient combustible material to be of any use, but on the contrary had a tendency to retard the incinerating process. The ashes are given away to individuals who use them for filling empty lands, and the garbage and rubbish are hauled out of the building, and up an incline to the second floor where they are shoveled into the mouths or "charging holes" of the furnace.

There are 12 furnaces and until recently one man attended to each furnace. These furnaces are filled three or four times a day of 12 hours, so that the mixture remains in the furnace about three or four hours. The furnaces will not destroy the garbage unless mixed with some combustible material. An attempt is made to destroy the whole product without the use of coal, but it is only partly successful. At night the furnaces (12) are kept alive by one man, who feeds them at intervals, just enough to keep them from going out.

Since the separation of ashes from the mixture has been accomplished, it requires eight men only to operate the furnaces, instead of twelve as formerly. About 80 to 100 loads are delivered in a day. It costs the city $12,000 a year to dispose of this amount of refuse, or about 75c per load, while the cost of collecting all of the waste material is $1.25 per load. Collections are made twice a week for each of the three districts.

The present plant was established at a cost of $40,000, and is owned by the city. The "dumps" as stated, take the garbage from two-thirds of the city. If the material is dumped into a dry quarry there is very little odor; if dumped into one containing water the stench is said to be unbearable; hence the owner of the quarry is compelled to pump it out, providing he wants to obtain the refuse for "filling."

So far as the incinerator is concerned it does not destroy the garbage. As a matter of fact, the odor from the material which must be raked out with the cinders is much more offensive than it is in its natural state, and the burnt debris together with the clinkers and half burned vegetables emits the greatest stench after having been placed in open carts to be carried to the "dumps."

The men employed at these furnaces, in the presence of the Commission, raked out green corns almost untouched, cabbages still green, carrots, a half musk-melon, and pickles which still contained their natural percentage of water.

The population of Montreal is 300,000. The west section of the city is the fashionable district and the one which furnishes that part of the garbage which is incinerated.

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There is an ordinance providing for primary separation of non-combustible materials from the garbage, but there is no attempt to enforce it.

The city, in addition to owning its own plant, also does its own collecting. The collection and disposal of garbage are entirely separate and distinct city departments. The street cleaning is looked after by the Roads Department, and the disposal of waste is under the direct supervision of the Chairman of the Incinerating Committee.

It is interesting to note that at present the city sells its dead animals to the contractor outright, for which he pays the city $700 per annum, under an agreement to remove them as soon as notified; whereas, until a short time ago the city paid the contractor $3,000 a year to have this same work done.

There are about 400 licensed hotels in Montreal, and they produce considerable garbage. In most of these hotels the kitchen waste is of such a character that they sell it to private individuals, principally to be fed to swine by the farmers and pig feeders in the surrounding country. It is taken away in covered cans and some feeders pay from $100 to $200 a year for the kitchen refuse from one hotel.

The wages of men employed to collect and haul the garbage is $9.50 per week. The longest distance covered by any wagon is 3½ miles, and the driver making this haul takes about three loads per day; the shortest haul is from one-half to one mile, and this driver makes about seven loads per day. The average loads per day made by each cart, the foreman stated, is about five.

It is conceded by the Chairman of the Incinerating Committee, Mr. L. A. Lavalle, to whom this Committee is indebted for many courtesies, that the incinerator is not a success and does not give entire satisfaction. He stated that if he be retained on the Committee, when the time comes for instituting a new plant, he will oppose the incinerating system and adopt the utilization plan.

MINNEAPOLIS.

University Incinerator.

The University of Minnesota has installed a small incinerator for the use of the University itself. There are no resident students, hence, there is no vegetable garbage to be disposed of. The plant disposes of the offal from the Bacteriological Division, such as dead dogs, rabbits, guinea pigs, manure from two hogs and two horses, scraps from dissection and all waste from the laboratories. The greatest amount incinerated up to this date, at one time, was two horses which were cut up and placed in the furnace. It is said by the director of the laboratory that there was no appreciable odor from the incineration.

The furnace is located in a pretentious little building erected by the State Board of Health at a cost of about $8,000; it is a Decarie incinerator; was put up at a cost of $2,300.

The fire in the furnace is started with "edgings," a waste from the lumber industry, and if any considerable destruction is to be made coke is added and the offal thrown in. The gases escaping from the incinerator pass through a secondary small furnace over a charcoal fire before going into a 40-foot stack and are consumed. The cost of cremation here could not be actually determined, there having been no account kept of the relative amount of fuel and material which were incinerated. An approximate statement, made by the man who operates the plant, estimates that to burn up the material mentioned above, the amount of fuel required was 20 bushels of charcoal, at 25c per bushel, and a two-horse load of edging, amounting in all to about $8.50. It is to be remembered that Minneapolis is probably the largest lumber city in the world, and therefore fuel of this character can be purchased at a very low price in this locality. At times there is said to be such an accumulation of this lumber waste, that it becomes necessary to haul it away and use it for "filling."

It requires the services of only one man to operate this furnace, for which he receives $50.00 per month.

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This furnace burns no garbage proper, that is no vegetable offal, such as is usually found in kitchen refuse, and when the Committee examined it the incinerator was burning only straw, hence it was impossible to determine whether burning animal refuse would create a bad odor or not. Apparently it answers the purpose for which it was built.

CITY OF MINNEAPOLIS.

The population of Minneapolis is 262,000. The city disposes of its garbage like Montreal, two-thirds by dumping and one-third by incineration, having adopted the Decarie process. The present incinerator has been operated since April, 1901, and cost the city $20,000. The city erected the building and machinery itself, and makes all repairs, paying only for the patent. The plant was operated from April to August, 1901, before it was accepted by the city. It consists of two furnaces, built together, which are used on alternate days.

The time consumed in the incineration process is from 8 to 10 hours, varying according to the amount of moisture contained in the garbage. Each day all the garbage in the furnace is consumed entirely, a new fire being built every morning. The material dumped into the incinerator is a mixture of all the city's waste; it contains garbage proper, paper, wood, straw, boxes and barrels, in fact, all combustible material.

The rules of the Health Department, which has entire supervision over the disposal of garbage, provide that nothing shall be mixed with the garbage excepting that which is combustible. The garbage is mixed with a certain amount of shavings (varying with the percentage of fluids contained in the garbage) while it is being put into the furnace. Edgings and shavings are used as the principal fuel, but sometimes the use of coke is necessary. The amount of shavings used each day for one incinerator is about one cord. The price paid for edging at the present time is $2.00 per cord, and the price paid for shavings is 90 cents per cord, including delivery.

During the last year the total cost for hauling and disposal of garbage, etc., was $24,000, well covered by the annual appropriation for this purpose, which was $30,000. The city owns the wagons, but the hauling is done by private teams; the amount paid monthly to the teamster being at present $90.00 per month.

The city uses two kinds of wagons; one, the old fashioned wooden wagon with all its usual defects; the other a steel wagon, water-tight, which holds 2½ yards, supposed to equal about 2½ tons. Of these the city owns 13, but uses as many as 24, hiring extra wagons during the summer months, as they are required.

Collection is made over the whole city, which covers 53 miles of improved and unimproved streets. It costs the city $1.40 per ton to collect the garbage and refuse, while the incineration cost is 47 cents per ton.

The crematory is situated in the extreme north end of the city, so that the haul is fairly long, the average haul being about 5 miles.

There is a bill now pending before the Assembly providing that the incinerating plant be placed upon an island in the Mississippi river, near the central portion of the city. The present plant claims to have a capacity of 100 tons daily, but the actual consumption is from 60 to 70 tons. The material resulting from the incineration is not utilized. It has been examined but was found to have but slight value as a fertilizer. There are a number of so-called pig feeders near the City of Minneapolis, who purchase much of the garbage that comes to the plant. When a load of true garbage consisting largely of kitchen refuse is brought to the incinerator, these pig feeders purchase it and haul it away. They are compelled to have permits, and the revenue accruing from garbage sold to pig feeders during the past year was about $600, which it is stated nearly paid for the fuel consumed in the incinerator.

Manure is removed by farmers who must have permits which extend from April 1st to October 1st. and which provide that all the boxes from which they haul must be kept empty.

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The collection of garbage in Minneapolis is entirely under the supervision of the Health Department. The ordinance provides that garbage receptacles must be water-tight and covered, but may be of any size; it also provides that anything combustible may be placed with the garbage in the receptacle, and that all non-combustible material must be kept out. Notice is sent to the householders when they add anything to the garbage which is not combustible, warning them that their garbage will not be removed. If proper separation is not made after this notice has been sent, the garbage collector refuses to take the garbage and the individual himself must haul it to the incinerator. In the event that the householder does not haul it himself, after the refusal of the garbage collector to remove it, he is brought into the court. Those who were prosecuted up to the present time for violation of this ordinance were fined $3.00 and costs. Of late there has been very little trouble. everybody apparently being willing to comply with the separation ordinance.

The total cost last year for eight months ending September, 1903, for hauling alone was $17,000, or about $1.40 per ton. Most of the hotels are taken care of by the pig feeders who haul away the kitchen refuse. at the same time conforming to the requirements of the law. The smaller dead animals, such as dogs, cats, etc., go into the incinerator, while the carcasses of horses are hauled away by a private contractor who is paid by the city.

It will be seen by these somewhat disconnected facts that while nothing new or startling has been added to our knowledge of the disposal of municipal waste, some few points have been definitely settled which will well repay the city for the expense incurred by the Commission; so that if we accept the best and most practical provisions from each of the systems examined and judiciously combine them, St. Louis should have the nearest perfect equipment in this respect which can possibly be attained at the present time.

The cardinal points which have been positively determined are:

1. Garbage cannot be utilized if it is mixed with rubbish and ashes. Hence separation must be made either by the householder (primary) or by the reduction plant itself (secondary).

2. Garbage proper, unmixed with combustible rubbish, cannot be incinerated.

3. Collection and hauling of garbage can be accomplished without any odor in actual transport.

4. Disposal of rubbish can be practically self-sustaining.

5. (a) Odors will be emitted from any utilization plant, hence it should be not operated in any locality where there is objection on the part of citizens, whether these odors be unsanitary or not.

(b) Odors do not emanate from a properly constructed incinerator, provided the garbage is mixed with sufficient combustible refuse and sufficient fuel is used in the process of burning.

6. Clean ashes have a distinct value and may be utilized to advantage.

With these facts clearly established, I have the honor to submit the following recommendations based upon my humble judgment as to their significance, subject perhaps to many revisions and alterations, for I realize fully the intricacy of the problem.

First—The rigid enforcement of **primary separation.**

This has been the "bete noire" of all the cities this Committee has visited. Citizens must be educated to the importance of this regulation. It is not, as is supposed in some quarters, an impracticable undertaking, nor does it materially inconvenience the householder. New York has practically solved the problem.

There will of necessity be protests and murmurings of discontent from some of those who have been brought before the courts for violation of the separation ordinance, but the great majority of the people are intelligent enough to realize the utter necessity of such regulation and will abide by it once they have witnessed the results.

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Primary separation is also the key to the proper collection of garbage and without it any system, however meritorious otherwise, will fail.

It is the "pons asinorum" in the study of the disposal of a great city's waste and those who can must cross it.

Second—The daily collection of garbage.

Garbage when fresh is clean and has little or no odor. It is only when it has matured and become putrescent that it becomes offensive. The real nuisance about a garbage receptacle is the amount of swill it contains; and the proportion of filthy fluid is increased by standing, particularly if the receptacle is left uncovered and exposed to the rainfall. In the winter season perhaps the need for daily collection is not so apparent, but during warm weather a garbage pail which has been filled for more than one day is unquestionably a nuisance and a menace to health.

Householders should be instructed to keep receptacles clean, so far as possible, and to drain off the swill before placing their garbage out for collection. It may seem absurd to speak of keeping a garbage receptacle clean, but with daily collection it is not unreasonable to provide, as Minneapolis has done, that they shall "be cleaned as often as may be necessary to prevent such receptacles or the contents thereof from becoming a nuisance."

The question of the kind of receptacle, its size, whether it be made of wood or metal, etc., is a minor consideration and can be taken up at the proper time. Sufficient is that they be durable, water-tight and provided with a suitable cover to keep out rain and snow, and to prevent animal scavengers (cats and dogs) from scattering unwholesome refuse about the premises.

Third—The utilization plan of reduction.

The experience of other cities has demonstrated the fact that incinerators fail to incinerate, excepting where only moderate amounts of garbage are to be disposed of and where proper fuel is cheap. It cannot be denied that incineration is accomplished in Minneapolis, but the plan would not operate at all in some cities, for instance in New York, where, by the way, it was tried some years ago, but abandoned.

The kind of fuel varies, of course, in different localities; wood, coal, coke, charcoal, oil and gas have been tried. St. Louis is not geographically so situated as to have any special advantage in the matter of securing any of these, as some cities are, and the cost for fuel at times would be enormous. This becomes more apparent when we recall the fact that under the most favorable conditions one pound of fuel will evaporate only eleven pounds of water, and that over 80 per cent of our city's garbage consists of water.

Inasmuch as all utilization plants are productive of more or less offensive odor, the reduction works should be located either outside of the city or upon a site where there would be no annoyance to resident citizens.

The matter of hauling garbage is not a proper subject for consideration by this Committee, because of the fact that the present contract for collection and hauling of garbage does not expire until nearly five years hence. Nevertheless the question of where to locate a utilization plant makes it advisable to discuss this problem even at this early date.

It has been suggested that the city locate a number of scows at convenient points along the river front, and that garbage be hauled to these points and towed away to the place of reduction. There are two serious objections to this plan. In the first place the greatest offense arises from garbage in the hauling and handling. This plan would furnish us with the spectacle of numerous garbage wagons all converging towards the river and constantly moving through the downtown thoroughfares and many of the principal business streets. Furthermore, there would be no way of preventing the stench caused by unloading along the levee; and it should be the city's aim to beautify the river front, not to befoul it. In the second place the great length of the haul would virtually make the

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daily collection of garbage impossible in remote sections of the city, except at the price of a very great number of wagons and an enormous expenditure of money.

When the proper time comes for action in the matter, I respectfully recommend that about ten receiving stations (more or less) be established in the city consisting simply of street railway switches, where the containers can be placed upon flat cars. The proper wagons for this purpose would be steel, water-tight boxes, removable from the running-gear, such as are in use in Washington. These boxes or tanks could be made to appear entirely inoffensive by being frequently painted over with a coating of asphalt, one or two men being constantly employed for this purpose. Just as in Washington, each driver should haul his load of garbage to the switch or station, the full wagon box should be removed by a crane and pulley, and an empty one deposited in its place. The first car loaded with the two tiers of boxes (to all intents and purposes like any other boxes) should then be taken to the reduction plant and a flat car containing empties brought back on the return trip, either to the same or some other station.

Under this arrangement there would be no long strings of offensive carts driving through the busy thoroughfares, the hauls would be very short, and daily collections of garbage would be not only possible but easy. In addition to this, the cost of collection and hauling would be very materially reduced.

It might further simplify matters and add to the convenience of transportation if the work were done at night, but if carefully performed this would not be necessary at all.

If there is anything in the street railway franchises to interfere with the carrying out of such a plan, the six years ahead of us should be ample time in which the legal complications might be adjusted.

Fourth—Two incinerating furnaces.

The time must come, if, indeed, it is not here, when the city must make preparations to dispose of its dry refuse. From a sanitary standpoint there is as much danger lurking in this kind of refuse as there is in garbage. We need only to think of the many possibilities of infection from tenement house waste, paper, rags, clothing, old shoes, mattresses and a thousand other articles which are often the cause of propagating communicable diseases, to be convinced that rubbish should not be indiscriminately dumped in vacant lots. Most of this should be destroyed by fire. Under proper sanitary regulations the valuable junk material contained in ordinary rubbish might be recovered. In New York, as has been stated, the privilege of sorting this kind of waste is sold to a contractor for $250 a week.

One incinerator of improved pattern should be located in the central northern portion of the city, and one in the central southern portion. They should be large enough to be used for the incineration of garbage plus rubbish if occasion should arise to make this necessary.

Difficulties might arise which would compel the discontinuance of the utilization plant, and even though the cost of fuel should be excessive, the city would have at least a temporary means of disposing of its garbage. Should nothing ever occur to make such action necessary the disposal of rubbish can at all times be reckoned as paying for the cost of operating a platform conveyor and incinerator itself.

Fifth—It is doubtful whether at the present time it would be profitable for the city to collect its ashes. It can be stated, however, on the authority of those who have made experiments in this line that clean ashes have come into great demand, bringing a return of from ten to twenty-five cents per load of one cubic yard, and sometimes much more.

Mr. C. Herschel Koyl, who has contributed an exceedingly interesting and able article on the utilization of clean ashes in New York, says:

"It is certain at least that if the city's output can be delivered at the department dumps, or at other convenient places, in proper conditions, the use of it for various building purposes for which it is known to be suitable, will almost equal the total supply for nine months of each year;

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and it is possible that the manufacture of ash into brick and concrete may become at an early date a considerable industry and make clean ashes as an article of commerce."

MUNICIPAL OWNERSHIP OF PLANTS.

Finally—The important question arises, shall the city own and operate its own plant?

The experience of the cities visited by this Committee which own and operate their own incinerators, Montreal and Minneapolis, shows conclusively and beyond all argument that the process of incineration can be very profitably conducted under municipal management. The collection and hauling, too, as we found in both these cities and New York, is better accomplished by the city itself than by a private contractor.

With a utilization plant, however, it is quite different, and there are some serious objections to be met which do not arise in the municipal ownership of an incinerating furnace.

The first which presents itself is the impropriety of the city coming into competition with its own citizens and tax payers in selling the products whch are derived and for sale from the utilization plant. There are, to be sure, only two products, grease and fertilizing material. Yet these are produced in such large quantities that to be placing them regularly and continuously upon the market would always to some extent, and even seriously, interfere with the profitable transaction of business by people who had paid a license to the city for the purpose of conducting that business and who were, in addition to this, tax payers in general. It is impossible for a utilization plant to be self-sustaining, that is to say, it is impossible for it to pay expenses through the sale of its own products, and at the same time to bring its owners and managers a profit. A certain amount is always necessary to keep such a plant in profit or from loss, because the expenses of running such a plant are so large (if the plant is to be run in large capacity and in a sanitary manner) that the sale of its grease and fertilizing products alone do not justify the carrying on of the business.

To be treated properly, and at the same time not create a nuisance, garbage must be manipulated by many men, through expensive machinery and with large quantities of coal to produce heat and steam. Its products, when handled by private individuals or companies, are proper articles to buy and sell among business men; but for the city to sell such products would bring down upon the administration which recommended such a scheme, and upon the city government generally, the protests and condemnations of all merchants among whom competition would be increased by the introduction of the city as a buyer and seller.

In addition, the city would not only be a seller in the market of commercial products, but also a buyer to a large extent in the purchase of barrels in which to pack and store the grease made, the purchase of bags in which to store and ship the fertilizing material made, the purchase of a great number of materials which necessarily enter into the manipulation of the fertilizing material in order to make it more salable; and a constant negotiation on the part of the city with the different railroads as to the rates of freight, furnishing of empty cars, and all the accessories which pertain to an experienced railroad clerk. This is one reason and apparently an insurmountable one why the city should not in this or any other case compete with its own citizens and tax payers.

Another reason why a private contractor rather than the city should handle such a plant, is that only long years of experience, founded upon many failures and much loss and complicated experiments suffice to run a garbage plant. It is a business so full of surprises, so full of unexpected developments, so full of contrary presentations from a commercial and sanitary point of view, that only those trained in the business for years, and whose whole attention is given to the matter as a trade, can

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operate such a plant with sanitary and financial success. The garbage problem and its treatment is a matter as serious as (and in many cases more serious than) the question of street making and sewer building and other important city operations. It is something which requires eternal vigilance in its management, much study, exact manipulation and deep thought. The error of cities in the past in attempting to solve the garbage problem has been made to underrate its importance and its expense. A signal instance of the impossibility of obtaining something for nothing is the idea of attempting to dispose of the garbage of a large city without expense.

To run the **waterworks** is simply a question of engineering, of money and treatment of one kind of substance—fluid. To run the **garbage works** of a great city, by the city itself, means not only engineering and money, but commercial tact, sanitary experimenting, patience under failures of repeated experiments and possibility of complication through careless or incompetent employes.

There are many other considerations, but the above more important ones should be sufficient. It might be mentioned, however, that a force of salesmen would be necessary to sell the grease and fertilizing material in the best markets and at the best prices, just as any business house would do; and the evil of all this is apparent. Municipal ownership of a reduction plant is therefore not feasible in practice.

All of which is most respectfully submitted.

(Signed) JOHN H. SIMON, M. D.,
Health Commissioner.

WEEDS.

The ordinance in relation to the removal of weeds was passed upon last year by the Supreme Court of the State of Missouri and declared valid, and during the ensuing year it is my purpose to exert myself to the utmost to have the law rigidly enforced with the view of reducing the nuisance to a minimum. I apprehend difficulties from two conditions, however, that are not provided for by the law. Where weeds are on property owned by non-residents there is no legal method of enforcing the law requiring them to be cut. The law unfortunately does not authorize the Health Commissioner to have the weeds removed and then to proceed against the owner of the property for the amount of the expense. Neither is there any means of enforcing the law in cases where the owners of the property are temporarily out of the city.

SMALLPOX.

By reason of the large influx of people to the city on account of the approaching World's Fair, it was naturally expected that there would be a considerable increase in the number of cases of smallpox. While our own city has been vigilantly and effectively protected by continuous and systematic vaccination of residents for years, persons are continually pouring in from localities where little or no precautions are taken to stamp out this disease, and it was confidently expected that there would be many cases developed here. I am happy to state, however, that the apprehension has not been realized. Smallpox, instead of increasing, decreased during the past year. There were only 253 cases and one death, as against 890 cases and 12 deaths in the twelve months preceding. I am of the opinion that the care taken by the Health Department to insist upon vaccination has kept the disease in check. Whenever a case has been reported the patient has been immediately removed to quarantine where he has received the best possible care. Meanwhile the officers of the Department have made a searching scrutiny of the history of the case, and every person who has been exposed to the disease has been vaccinated, except where they have borne palpably protective marks of vaccination. Every place where the disease has developed has been thoroughly disinfected and fumigated, and in consequence there has been little spread of the malady. I attribute the comparative freedom which

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the city has enjoyed from this loathsome affection entirely to the care the Health Department has exercised in vaccinating every person in even remote need of it who has come under the observation of the officials. I was particularly anxious in regard to this disease, for, on account of its characteristics, a universal horror is entertained of it, and it was clear that if it should prevail to any considerable extent many thousands of people would be stopped from visiting the Fair.

PREVENTION OF TETANUS.

There were a number of deaths from tetanus during the year, particularly in the period directly following the Fourth of July celebration. The percentage of this disease in this city was low, however, as compared with that of other large cities of the country. It is my belief that with the proper and prompt administration of anti-tetanic serum the mortality from this cause can be greatly reduced. It is my intention during the coming year to keep a supply of this serum at the various hospitals and dispensaries of the city and have prophylactic doses of it administered in every case where there is an apparent possibility of tetanus developing. By this means I hope to save the lives of a large number of enthusiastic but imprudent patriots who are given to celebrating our national festival with more zeal than discretion.

THE PREVENTION OF TUBERCULOSIS.

It is agreed by the scientific world that no fact is more clearly established than that this disease is controllable, and that there is a woeful waste of human life because of the lack of care to prevent its spread. That it can be entirely eradicated from the list of ills flesh is heir to within a time which we, or our children, or our children's children, will live to see, is not a part of the contention of those who are urging a sane, thorough, systematic fight against it. They assert, however, and the facts are at hand to prove their claim, that a large proportion of the appalling mortality from tuberculosis is not the outcome of necessary conditions; that the disease is controllable, and is not only frequently curable, but that many cases have been and are being actually and permanently cured by the treatment agreed upon by modern scientists as logically effective, but which is by no means new in all its aspects. Let us bear well in mind, however, that while tuberculosis does not inevitably spell death a large proportion of persons in whom it has passed ever so slightly beyond the primary stage are doomed, and that prevention matched with cure is "as sunlight to moonlight." It is far easier and much more satisfactory to avoid tuberculosis than to cure even an incipient case.

A marked decrease in the number of cases of consumption resulted with surprising promptitude from the announcement of the discovery that the disease was contagious. The belief obtained within a time within the memory of the middle-aged person of today that tuberculosis was practically exclusively hereditary. Modern science has demonstrated the error of this. That it is occasionally transmitted from parent to child is not disputed, but such cases are so rare that were that the sole means by which it was communicated it would be an evil of inconsiderable moment instead of the dreadful scourge that it is. That the people, as a whole, are readier than some of us are prone to think to take precautionary measures is shown by the fact that when tuberculosis was considered strictly a hereditary disease there existed a strong general prejudice against the marriage of persons in whose families there was known to be consumption. That many such individuals did marry only proves individual perversity, for matrimony in their ranks was strongly discouraged. And a similar proof of the willingness, and also the inability, of the masses of the people to protect themselves against "The Great White Plague" now that it is known to be contagious, is to be found in the records showing a decrease in the number of cases of the disease consequent upon the campaign of education as to the nature

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of the malady and the means of preventing it, that resulted from the discoveries of Koch and other sanitary scientists in the last two or three decades of the nineteenth century. Accepting the proofs that tuberculosis is contagious many persons have taken precautions suggested by physicians, and have in some measure reduced the danger, but while something has been done it is so little that it is valuable principally as an indication of what may be effected by sustained and systematic effort. While something has unquestionably been accomplished in every community by thinking and reading people, the results in cities where there are no stated sanitary regulations on the subject have been meagre indeed as compared to what has been done where official action has spurred individual effort.

To put the matter as briefly and pointedly as possible, all the people should be informed as to how to prevent the spread of tuberculosis, and all the people should be forced to use the knowledge imparted to them. In other words, the control and prevention of the disease must be brought about by empowering the Health Department to inform the masses that tuberculosis is contagious and instruct them as to the best means of preventing it, and by the passage and enforcement of laws on the subject. Leprosy was stamped out of existence in England and continental Europe during the Middle Ages by a rigid process of isolation, and tuberculosis can be brought under control by intelligent, vigilant care.

Efforts are being constantly made to ascertain a method of artificially immunizing individuals to the germ of the disease, and they may soon prove successful. But, on the other hand, it may be many generations before this end is accomplished. Meanwhile we must combat the enemy with the weapons at hand. They are, primarily, knowledge of how the disease is communicated, the prevention of that communication, and the treatment of those already afflicted, not only with a view to their relief, but as a measure of protection to others. Koch contends, and advances the results of numerous original experiments in support of his position, that the number of persons who inherit tuberculosis is so small that this class need not be taken into consideration as a public menace. He declines also to subscribe to the theory, held by Behring and others of note, that food is a source of tubercular contagion. He holds, and the consensus of scientific opinion is with him, that the principal source of contagion is the sputum of consumptive individuals, and measures for the combating of tuberculosis must aim at the prevention of the dangers arising from its diffusion.

There being no question that the disease is contagious, and that the contagion is spread by means of the afflicted person being in close personal communication with those who are not affected, but are in a receptive condition, it would appear perfectly plain that the logical method of checking the ravages of the disease would be to isolate all tubercular patients. This, however, is not feasible, and, fortunately, it is not necessary in a strict sense. It is very desirable, however, that tuberculous patients should be kept as much apart from other persons as possible, and it is of vital importance that they should take measures to destroy the germs of the disease as they are cast off from the lungs. Care in the home can do much to confine the disease to the person afflicted, and care on the part of the patient can do much more. This applies in the case of a person who is in circumstances which admit of separate sleeping apartments and sanitary surroundings. With sputum cups and flasks, properly cared for, and precautions taken to disinfect the patient's clothing and bedding at regular intervals, there is little danger of infection except in cases where the relatives of the patient allow their natural affections to run away with their judgment to the extent of indulging in those manifestations of love which however pleasing and proper under other circumstances, are extremely perilous in the sick room.

Unfortunately, however, the greater portion of those who fall victims to tuberculosis are members of the poorer classes. Their enforced

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mode of life is such that they are thrown into close personal contact with each other, sleeping and waking, and one must breathe the exhalations of the other's lungs whether they be diseased or healthy. In such cases, and there are many of them, the patient should be isolated, and it is here that the public charities are justified in stepping in in defense of the people at large and enforcing certain sanitary precautions. Where a tuberculosis patient is so situated that he cannot have a sufficient degree of isolation and proper care at his home, the law should require that he be taken to a sanitarium maintained at the public expense and detained there until he is either cured or dies. A rigid enforcement of such a law might seem to bear heavily on the individual, but not more so than do other laws made and provided for the greatest good of the greatest number, and it would do much to lower the death rate of the most dreadful malady known to man.

I earnestly advocate a law making the notification of the Health Department of cases of tuberculosis compulsory on physicians. I regard the establishment of a hospital exclusively for tuberculosis patients, where they can be entirely separated from all other persons in ill health, as an urgent present necessity. In addition to this hospital, which should be used only for advanced cases, there should be a sanatorium, where patients who have a chance to recover may have the benefit of the open air treatment. This treatment has met with marked success wherever it has been given a fair and intelligent trial. The principle of it is by no means new, and, as a matter of fact, forms of it have been practiced with some success for hundreds of years. It is several centuries since an English physician promulgated the theory that horseback riding was a panacea for all diseases of the lungs. He unquestionably brought about many cures of tuberculosis, and the open air treatment of today is based on the same principle that he used, although the practice is more coherent and diversified. Horseback riding is unquestionably a superior form of exercise, and may be used to advantage where it is practicable and the patient is in condition to stand the exertion. But it is only one way of arriving at the same result. Any diversion or employment that interests the patient while inducing him to take in great breaths of pure air, to be in the open, and enjoy daylight, whether it be sunshine or rain, to get close to Nature, to acquire an appetite, and assimilate, as well as enjoy, nutritious food, is a bane to the tubercle and a blessing to the tuberculous.

It is my purpose to prepare and submit at an early date to the Municipal Assembly an ordinance for the prevention of tuberculosis. I hope to make it embrace the best features of the plans that are being tried with favorable results in England and New York. They are practically the same and each includes the following points, all of which I regard as vital:

1. The compulsory notification and registration of all cases. (The record need not necessarily be public, and there need be no interference with patients under the control of a private physician, who will agree that proper measures for protection of others are carried out).

2. The sanitary authorities should afford facilities for the early diagnosis by bacteriological examination of the sputum without charge.

3. Information in regard to the disease (though not of the patients) should be given to the public by means of the press and printed circulars.

4. Visitation of consumptives in their homes by physicians or trained nurses whose duty it should be to instruct the patients and families in regard to necessary precautions and at the same time to gather such information as is obtainable regarding the family, the dwelling, the occupation and other circumstances and conditions which may influence the origin or progress of the disease.

5. Disinfection or renovation of rooms or apartments which have been vacated by consumptives either by death or removal.

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6. Provision for repeated visits to cases in tenements when the patients cannot be removed to a hospital, these visits to be made by a physician or a trained nurse.

7. The providing of suitable food for patients in destitute circumstances.

8. Establishing of three classes of institutions for tuberculous patients: (a) Free dispensaries in which ambulance cases should be treated provided with medicine and food if necessary. From the dispensaries suitable cases should be referred either to a sanatorium or a hospital as seems advisable. (b) Hospitals. (c) Sanatoria.

9. Sanitary authorities to issue regulations applicable to public institutions as to the care of consumptives.

10. Strict enforcement of laws prohibiting spitting in public conveyances, in public places and upon sidewalks.

This plan has been in a large degree carried out in New York and as a result there has been a more rapid decline in the tuberculous death rate in New York City than in any other large city in the world, and this notwithstanding the fact that the conditions are in many respects much more unfavorable, because of the dense population in the tenement house districts, and the large elements of foreign born population.

St. Louis is in need of regulations in regard to tuberculosis and I trust that I will have the aid of other branches of the city government, particularly the legislative, in securing them.

THE REPORTING OF CONTAGIOUS DISEASES.

The law requires all physicians practicing medicine in this city to report contagious diseases which come under their observation to the Health Commissioner, the report to be made at once. From my observation I am fully convinced that there are many physicians in the city who are derelict in the performance of this duty, and from this cause the statistics of the city are not as accurate as they should be, and in addition there is a gross injustice done to the honorable members of the profession who conscientiously perform their duty in this respect. Physicians knowing this sometimes become careless; and dishonorable men, aware of the difficulty of detection, violate the law for their own selfish interests. The placarding of a house is a disagreeable thing to everyone, and a physician who will save his patients from this annoyance makes himself popular.

This state of affairs is largely brought about by the manner in which persons can come to this city and register as practicing physicians.

I have long since been of the opinion that the State law governing this matter should be amended in the matter of registration of physicians. I am strongly in favor of "Home Rule." The State Board meets but a few times during the year; it does not meet here. I believe there is only one member of the Board who resides in the city; neither the Board itself nor the physicians in the city are interested in each other. I think the law should be amended or a new law enacted providing that in a city of one hundred thousand inhabitants or over there should be a local Board constituted solely for the purpose of passing upon the qualifications of physicians who wish to practice in that city. Let this Board be composed of the Health Commissioner of the city, the medical members of the Board of Health and three physicians not connected with the city government, appointed by the Mayor and approved by the Council. This Board to have sole and full authority to decide upon the qualifications of persons wishing to practice medicine in this city and to have also the authority to withdraw the license to practice, provided the physician is found guilty of violating any of the municipal regulations in connection with the health laws, or for unprofessional conduct. The jurisdiction of this board should not extend beyond the city. If a physi-

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cian wished to practice elsewhere in the State he would have to go before another Board similarly constituted, or where there is no such Board he would have to apply to the State Board of Health.

INSTRUCTIONS FOR THE PEOPLE.

During the past year I prepared and had printed in both German and English a pamphlet telling in simple terms the methods of preventing the spread of contagious diseases. It gives information relative to the treatment of all contagious diseases usually prevalent, as, for example, diphtheria, scarlet fever, consumption and smallpox. It was designedly made very clear and the instructions were couched in language such as a person of small education could readily understand. Copies of it have been distributed among people who have been exposed to disease, and are left at every house where the officers of the Department are required to go to fumigate or post notices of the existence of a contagious disase. It has been freely distributed among schools, being partly designed to inform teachers and physicians of their duties in case of contagious diseases. This was intended as a step in the direction of instructing the public in the matter of aiding the Department to protect it from contagion, and I am convinced that it has demonstrated that it was well worth the trouble and expense of preparing and circulating it.

CITY HOSPITAL.

The new City Hospital, now in course of erection on Lafayette avenue, will soon be completed. If the original idea of classifying patients is carried out this institution will be able to accommodate not more than 250 or 300 patients. However, I believe it will be possible in an emergency to find room for perhaps 400. While the structure is designed to be a very elegant one, and while its general arrangements leave nothing to be desired, I am still under the impression that the capacity of the building will prove to be entirely inadequate when it is ready for use. As the matter now stands, this new hospital will not be large enough to house all the sick the city has to care for, but the completion of it appears to be the only course open for the city at this time. If in the future conditions are such that the demand for additional hospital quarters can be supplied the question should be carefully considered whether it will be wiser to put up more buildings on that site or to utilize the grounds owned by the city in the vicinity of the Insane Asylum, and use this new hospital exclusively, taking only surgical cases and having another building for cases of chronic and contagious diseases. As is pointed out by the Assistant Health Commissioner, the Department is seriously handicapped in its efforts to suppress and control divers and infectious diseases by the absence of a suitable hospital for the treatment of persons afflicted with such maladies. I concur with him in the suggestion that there should be an institution where, in cases where it is advisable, the children of persons who are so afflicted may be properly cared for at the hospital at which the parents are patients.

The temporary quarters now occupied as a hospital on Seventeenth and Pine streets are as comfortable as human effort can make them under the circumstances, but the building is old and was never constructed with with a view to its use as a hospital. It is wholly unfit for such a purpose and should be vacated as soon as possible.

The Emergency Hospital on Fourteenth and O'Fallon streets has been used as a place of treatment for consumptives and persons with contagious diseases, and also quarters for the observation of persons suspected to be insane. At the very beginning of my term of office I was shocked to find the conditions that existed in what was styled the observation wards of the old City Hospital. As soon as I had visited the institution I brought the matter to the attention of the Board of Health, and suggested that a committee be appointed to investigate and make a report. The committee, consisting of Hon. Wm. G. Frye, Dr. H. Wheeler Bond and myself, visited the hospital and a few days later made a report

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describing the conditions and making recommendations for their amelioration. The committee found the detention ward to be in a one-story building in the rear of the main building. There were eleven small cells, similar to those in police stations, all of them hot and uncomfortable, perfectly clean, but overcrowded. They were originally designed for uses as a detention ward for the observation of persons suspected to be insane, but the necessities of the hospital compelled the management to use them for other purposes also.

Prisoners from the Work House and Jail requiring medical treatment and violent alcoholic patients were confined in these cells. In one cell at the time of the committee's visit there were two women under observation as to their sanity confined in the same cell with a colored woman from the Work House. Frequently it was found necessary to place four persons in a cell, although two were as many as could be properly accommodated. Insane persons in a highly nervous condition were confined in cells with raving, chattering alcoholic patients. The Superintendent and his predecessor appeared to have done everything possible for the comfort of the unfortunates whom it was necessary to confine in these cells, but the conditions were revolting and inhuman. Under the circumstances it was impossible for any medical man to properly observe the condition of a person supposed to be insane. It was clear that while these cells might properly be used temporarily for alcoholic patients and for prisoners, they were utterly unsuited for use as a place for observing the insane. The committee then visited the Emergency Hospital, at Fourteenth and O'Fallon streets. It was found to be a clean, well-lighted and fairly modern hospital. After looking it over the committee decided that the fourth floor of what is known as the new building would make a suitable and proper place for the detention and observation of the supposed insane if fitted up for that purpose. The requisite recommendations were made, and, at a comparatively small expense, the new observation ward was put in the desired condition. I followed the matter up and had a part of the Emergency Hospital altered, making a place where the patients could be treated in a humane and scientific manner, and where they could be mildly restrained till it was decided whether they were fit subjects for the Insane Asylum. In addition I inaugurated a system of admission which has resulted in great benefit to the city. Previous to the establishment of the observation ward patients received at the City Hospital were immediately transferred to the Insane Asylum when a physician at the hospital reported that in his opinion they were insane. Under the conditions existing at the City Hospital it was impossible to scientifically diagnose these cases. Little was known of the history of the patients and there was no time in which to institute inquiries regarding their friends, to learn if they belonged to the city, whether they had any property or had friends who could and would provide for their maintenance. Under the present conditions when a case of supposed insanity is brought to the attention of the Board of Health the facts are all ascertained and carefully scrutinized, and not only the fact of insanity is gone into, but the friends of the patient are required to appear before the Board and testify as to the resources of the relatives of the afflicted individual. As a result of this the city is now collecting over $7,000 a year for the maintenance of insane persons, who, under the old method, would have paid nothing. Persons who do not belong to the city, but have been sent here, have been returned to their homes. In several instances the United States Government has been prevailed upon to take charge of insane aliens and return them to the country of their nationality. The absence of funds to transport non-resident insane to their homes has prevented my sending back many that could otherwise have been returned. I strongly recommend that in the next annual appropriation there be a fund of at least $1,500 allowed the Health Department to be expended for transporting sick and insane persons to their homes.

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INSANE ASYLUM.

This building was erected about thirty years ago by the authorities of St. Louis County and the City of St. Louis jointly. It was intended at that time to accommodate about 300 patients. The structure was well built, and, in some respects, suitably arranged for an asylum, but defective in others. For instance, those who planned it do not seem to have taken into consideration the fact that there was no provision for the separation of the insane sick from the others in sound physical condition. In the whole the building is in good condition. The plumbing and sewering have been overhauled, an electric plant has been constructed, and it is almost everything that could be desired in the way of a home for the insane, except for the fatal defect of a lack of space. Today there are 720 insane persons crowded into the building which was originally intended for the accommodation of 300. There is no comment to make on this. The facts speak for themselves and speak loudly. The city has from time to time endeavored to remedy the deplorable conditions, and is now about to build another large addition to the Poor House, which, when completed, will relieve to a considerable extent, though not entirely, the congestion at the Insane Asylum. As soon as possible another addition should be built, where these unfortunates can be properly treated by physicians. Whether this addition should be made at the Poor House or at the Insane Asylum I am not prepared to say with entire confidence, but I am of the opinion that it should be at the Insane Asylum.

FEMALE HOSPITAL.

This hospital was built and paid for with fees collected from the bawds of the city during the time when the Social Evil law was in operation. It was established under an act of the Legislature, and when the Social Evil law was repealed it was turned over to the city to be used for hospital purposes, but in the act transferring the property to the city a special provision was made that it should be used as a hospital for the treatment of females suffering from venereal diseases, and as a home for those who wished to reform. From time to time additions have been made to the building and during the past year some excellent improvements have been planned and carried out, and the hospital is today in a very fair condition. A large portion of the building is old, and it was badly planned originally, and I am not in favor of any further expenditures on the place beyond keeping what there is in good condition. If the city could provide the means for the erection of another hospital, such as I have outlined elsewhere in this report, this building might be very well used for contagious diseases.

POOR HOUSE.

The title of this institution is a misnomer. It was given to it when it was erected, as it was intended to be used for the purpose of taking care of the indigent wards of the city, but in the last twenty-five years it has been converted into a hospital for the chronic insane, and the paupers have been crowded out of the building proper into frame barracks, so that of the 1,500 or more inmates of the institution over 900 are chronic insane patients and only 600 are paupers. The separation of the insane and the paupers should be made at as early a day as possible. It is demanded for many reasons. In the first place the mingling of the insane with paupers is perilous to life and property. There is always danger of matches and tools falling into the hands of the insane with which they can do incalculable injury. In the next place association with demented persons has a deleterious effect on the minds of old people, who are naturally becoming enfeebled intellectually. Further, the paupers are huddle together at this place from morning till night without any definite occupation, and the enforced idleness is necessarily detrimental to them. Many of these paupers could be made in a measure self-

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supporting if the city had a place where a large piece of ground could be cultivated by them. They could be very profitably employed, both from a pecuniary and a philanthropical point, at such light work as gardening, weaving, broom-making, etc. The separation of these two classes would certainly reduce the cost of maintaining the institution, and it would be for the advantage of both. The establishment of a separate institution for the paupers would not necessarily be an expensive undertaking, and it need not be conducted on an elaborate plan. The paupers themselves could do most of the work and a few persons to direct them would be the only help the city would have to pay for. When the city is in a position to provide an establishment of the character indicated I would suggest that a point along the river or on the line of a railroad be selected. Probably no better place could be found than land adjoining Quarantine, either north or south. It is my opinion that on a farm of this character much could be produced that could be used at the other institutions.

The name, Poor House, as applied to the present institution, is found objectionable by many persons, and I think justly so. I suggest that after the separation of the paupers from the chronic insane is accomplished the name of the present so-called Insane Asylum be changed to "Hospital for the Acute Insane," and that the title of the present Poor House be made "Hospital for the Chronic Insane." In passing, I would also point out that the name Female Hospital is incongruous. This institution should be known as the "Hospital for Women," or "Women's Hospital."

The most important improvement made at the Poor House during the past year was the erection of a new hospital just south of the main building. It was badly needed, as the old hospital was utterly inadequate and had become a monument of disgrace to the city; in fact it did not deserve to be dignified by the name of hospital. The new building is a substantial structure and is thoroughly equipped and can accommodate about 80 patients. The erection of a new building for the chronic insane just west of the main building is under contemplation at present. It is to connect with the building for the insane male patients, forming the western boundary of the quadrangle. This new building will, it is estimated, hold about 300 patients. It is my intention to place all the insane female patients in this building and in the one now occupied by the insane males, leaving the main building for the male insane. It is also my purpose, following out the policy of the present administration, to get rid of, as far as possible, all frame buildings on the Poor House grounds. They are both unsightly and dangerous and should be replaced as soon as possible with substantial stone and brick structures.

The worst feature of the present arrangement of the Poor House is the fact that the laundry of the institution is located in the basement, directly under the quarters occupied by a large number of old women, some of whom are bed-ridden and all of whom are feeble. There is an ever present danger of fire from this situation, to say nothing of the discomfort of those compelled to sleep and put in practically all of their waking hours over the steam and heat of the laundry. During the pending year it is intended to build a new laundry with modern appurtenances on a more appropriate site.

Repeatedly during the past year has the crying necessity for a special building for feeble-minded and epileptic children manifested itself. I am informed that efforts were made in former years to secure funds for the erection of such a building, but without avail. The first floor of the new building referred to above might be utilized for this purpose temporarily, but the truth is that there should be a separate building for these children, and there should be no unnecessary delay in providing it. The absolute separation of the adolescent epileptics and feeble-minded from the insane is, to my mind, and I believe to the mind of every person informed on the subject, very necessary to the welfare of the children. The care of these poor little creatures at this institution is only a makeshift. If the city is to continue to care for this class of the helpless it

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should be done in an institution entirely separated from any place where the insane are under treatment, and in a manner which would result in many of them being restored to health and made useful citizens. If any arrangement by which this can be done is within the power of the municipal authorities steps should at once be taken to make it. That this is important is patent to anyone who remembers that while there is small prospect that any chronic insane person sent to this institution will recover, there is always a possibility, and in most cases a strong probability, that many of these children can either be cured or so improved in condition that they need no longer be charges on the public. If they are compelled to associate with insane persons they must inevitably deteriorate. A committee, composed of Dr. Albert Merrell and Hon. Wm. G. Frye, of the Board of Health, investigated the condition of these unfortunate children during the past year, and made a report strongly urging the advisability of separating them from the insane. The report of this committee described the conditions strongly, but not more so than the facts justified. The report says in part:

"We found some forty of these unfortunates 'existing' under conditions which are shocking beyond description. Viewed simply from the standpoint of humanity, with full recognition of the difficulties attending the problem, it is manifestly the duty of the community, through its authorized agencies, to do what is possible to ameliorate the mental and physical condition of these subjects of its care.

"Most of the cases at the Poor House are profound idiots, helpless, speechless and disgusting. Others are a shade higher in type—usually classed as imbeciles; others again have some use of speech and give evidence of a slight degree of intelligence; still others, fortunately but few, are simply mentally, and in some cases morally, feeble.

"These unfortunate beings range from young children to adult years. The most apparent manifest need is that all cases possessing the power of speech and any degree of intelligence, should be absolutely isolated from cases of profound idiocy, and that both should be separated from contact with the large number of hopelessly insane with whom they are more or less associated."

The report, continuing, advises the grouping and treatment of epileptics separately from the other feeble-minded, and the erection of suitable building where each class of persons mentally afflicted can receive proper care and treatment. Particular stress is laid on the fact that the need for action in the premises is an urgent, present need that should not be neglected one day longer than is absolutely necessary. A special, permanent one-story building or group of buildings where idiots and feeble-minded children can be cared for is recommended. It is also recommended that until provision is made for the proper care of children none but low grade idiots be admitted to the city's care, and that in each case compensation shall be rendered according to the ability of the patient's friends to pay; that none under six years of age be received, and no one who shall not have resided six months in the city; that all cases graded above idiocy be referred to the State School, or to private schools for feeble-minded, and that as soon as they can be received by the State such cases now at the Poor House be sent to the institution at Marshall.

QUARANTINE AND SMALLPOX HOSPITAL.

This is a city institution seldom heard of, though vitally necessary to the welfare of the community. It is located on a tract of land about six miles south of the city, purchased by the city in 1856 for use as a quarantine station. During the last twenty-five years it has been used exclusively as a smallpox hospital, for which it is admirably adapted, being on a healthy site and isolated from any populous locality, although within easy reach of the city. Since it has been a smallpox hospital a great deal of money has been spent for improvements on the place, most of it unwisely. It appears to have been the custom whenever there was a demand for more hospital accommodation for the superintendent

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in charge to have a frame structure run up wherever the nature of the ground made it convenient. The result of this haphazard policy is that there are on the hill west of the buildings where the superintendent and help live eight barn-like frame buildings, seven of which are used as wards for the sick and one of which is the dining room and kitchen for the patients and nurses. None of these buildings are well adapted to the purpose for which they were intended. They are neither comfortable nor ornamental. It is difficult and expensive to heat them in winter and the low death rate at the institution is remarkable under the circumstances. The heating apparatus is extremely defective. The brick building, in which the help sleep, is supposed to be heated by a hot air apparatus which was put in about two years ago, but the supposition proved as violent as the weather was severe last winter. The employes who live in this house were frequently compelled to go to bed as soon as night fell in order to avoid the effects of excessive cold. The wards are heated by steam and the patients' dining room by stoves.

The time has arrived when it is necessary that the old frame buildings shall undergo extensive repairs, or an entirely new plan devised for the care of smallpox patients at this place. I strongly disapprove of any considerable expenditure along the lines of the present arrangement. Only such repairs as are indispensable to keep the place in order should, I think, be made.

I would suggest that a plain two-story building be erected where all the patients, male and female, black and white, can be treated. In a building of this kind the patients could be better cared for and the expense of maintaining the place considerably reduced.

CITY DISPENSARIES.

The main Dispensary is in the old City Hall. The arrangements there are far from what they should be, although in the past year I have made some changes that have improved conditions to a large extent, particularly in the matter of caring for patients expeditiously and with as little discomfort to them as possible. A new operating room has been added and many minor steps taken to secure the well-being of persons brought there for treatment. The ambulance service is excellent. It has been increased and is now conducted under an admirable system. Among the changes made by my order was the transfer of persons badly injured direct to the City Hospital instead of bringing them first to the Dispensary and then sending them to the hospital. I also abolished the practice that was in vogue of bringing sunstroke cases to the Dispensary. These cases are now taken directly to the hospital where they can receive such treatment as they require without the delay that has frequently proved fatal. A pavilion for the treatment of such cases has been established at the hospital.

Cases which are treated at the Dispensary are principally derived from the floating population, and the flood in June, 1903, forced many hundreds of destitute people into the city, and those of them who were sick—by far the larger part—were taken to the several dispensaries for temporary treatment. By this means a great many cases of contagious diseases were taken in hand and isolated before the contagion had an opportunity to spread.

The North and South End Dispensaries have proved of incalculable benefit to citizens living in these localities. I have established two new ambulance stations in the West End and they also have been of notable service in securing the prompt removal of the sick and wounded to hospitals. They have also been beneficial in reducing the wear and tear on the ambulance corps at the Central Dispensary.

I am strongly in favor of the city supplying the Health Department with automobile ambulances; not that present conditions will admit of the automobile entirely displacing the horse for ambulance service, but it would be much more satisfactory for use in the downtown districts, where all the streets are paved. As rapidly as the horse ambulances wear out I would suggest that automobiles be substituted for them, until

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a sufficient number have been secured for service in these districts where the pavements are good.

I earnestly recommend the establishment of a dispensary in the West End. A large share of the sick and wounded who are treated at the other dispensaries are brought long distances from the West End, and that section of the city is growing so rapidly that it should be provided with such an institution of its own. It should be located along the line of Kingshighway, preferably near the manufacturing district rapidly growing up in the southwestern part of the city.

MORTUARY OFFICE.

The work in this office has been very materially increased during the year and various improvements made with a view of enhancing the value and comprehensiveness of the vital statistics of the city. A new form of burial certificates was issued to physicians conforming to the international nomenclature of disease. This will result in making the records clearer and uniform with those of other cities.

HEALTH DEPARTMENT BUILDING.

I would call attention to the fact that present quarters of the Health Department are antiquated and inconvenient, and not at all suited to the requirements of the Department. I strongly recommend for the consideration of the municipal authorities the erection of a building solely for the use of that Department, where officers of the Health Commissioner's office, the Mortuary Clerk and his assistants, the City Chemist, the City Bacteriologist's office, the Sanitary Division and the Central Dispensary could all be under one roof, and that there should be in conjunction with this building a public fumigating station where clothing and bedding can be disinfected. In the Assistant Health Commissioner's report will be found suggestions as to the details of this station, all of which I approve. I am of the opinion, too, that the public at large would also indorse the recommendations if the fact were generally known that the proposed fumigating station would not only be a convenience and aid to the Health Department, but would relieve many households of disagreeable but necessary details that follow a case of contagious disease.

There is not sufficient space in the new City Hall to accommodate the Health Department, which, in any event, should be in a separate building. If all the offices of the Department were in one modern building it would greatly facilitate the transaction of business, besides providing suitable quarters for the officials, which, under the present arrangements, are an impossibility. Whenever this building is definitely planned, and it should be considered without delay, the matter of transporting the patients to the various institutions by electric cars could be arranged for.

THE NEED OF SEWERS.

As is pointed out by the Assistant Health Commissioner, the lack of a system of sewers that will drain the suburban settlements west of the city and south of the Clayton Road has become a serious matter, and is calculated to affect the health of the city. The Assistant Health Commissioner suggests as the only apparent remedy, that can be applied as quickly as is necessary, is to establish sewer districts to be discharged into the River des Peres. While this appears to be the only practicable solution of the matter, unless a main sewer is constructed all the way to the Mississippi River, it must be remembered that if the sewage of the rapidly growing suburbs is discharged into the River des Peres that stream will soon become an offense and a menace to citizens living along its banks, particularly in Carondelet, near its mouth, where it is always much shallower than it is higher up. My opinion is that the city might as well face the situation now and make up its mind to wall up the River des Peres and convert it into a sewer, as was done with

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Mill Creek years ago. However, that is a matter for another department to decide upon.

REGULATION OF CEMETERIES.

There is pressing reason for legislation by the State on this subject, and I hope to see it done without unnecessary delay.

Public and private cemeteries within the limits of the city are regulated by ordinances. No one having control of such a cemetery may legally receive a body for burial unless it is accompanied by a certificate signed by the Health Commissioner. The ordinances also prescribe the manner in which graves shall be prepared, and regulate how and when bodies may be disinterred. The law also requires the managers of cemeteries to make weekly reports to the Health Commissioner, giving the names of persons received for interment.

There are about fourteen cemeteries within the limits of the city. Some of them are becoming so crowded that it is a matter of only a short time before it will be necessary to forbid any more interments in them. There are a large number of cemeteries outside the city limits, however, over which the Health Commissioner has no control, where bodies can be received and buried whether they are accompanied by a certificate or not, and which are not regulated by any law.

Under these conditions it is very easy to understand how abuses may grow up and how interments can take place of persons who have died in this city and of whose deaths the Health Commissioner may have no record.

I strongly recommend that the General Assembly of Missouri, at its next session, be asked to enact a law governing cemeteries throughout the state. This law should provide that no body shall be received in any cemetery (public or private) unless accompanied by a certificate signed by the authorities of the city or county in which the person died, and, in the case of death in a county, that the body shall be buried only by authority of a certificate signed by a registered physician, and the managers of the cemeteries shall be required to make weekly reports to the County Court of the County, giving the names of the persons who have been interred in the cemetery and of the diseases of which they died. The law should also regulate the depth at which bodies shall be buried, and provide in what manner and under what conditions disinterments may take place.

In all cities there is a growing prejudice against the establishment and maintenance of cemeteries within the city limits, and the territory outside of, but contiguous to, the limits of St. Louis has a great many cemeteries, and the number is increasing yearly.

For the protection of the public such a law as I have outlined is indispensable. A city ordinance should also be enacted specifying how the bodies in an abandoned cemetery may be removed. It should provide that persons who own a cemetery, which is no longer in use, who desire to remove the bodies buried therein to some other place, may do this only under certain conditions and in a prescribed manner, and that the work of disinterment shall only be allowed under the supervision of the representatives of the Health Department.

FINANCIAL.

Amount appropriated for the Health Department for the fiscal year 1903-04	$736,339.97
Amount expended by the Health Department for the fiscal year 1903-04	690,129.33
Amount turned over to Municipal Revenue for the fiscal year 1903-04	46,310.64

I was but a short time in office before I was struck with the great laxity that appeared in the handling of supplies, and the amount that was supposed to be consumed at the several institutions of the Health De-

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partment. Month after month requisitions from the institutions poured into my office calling for such large quantities of supplies of various kinds that I could not reconcile myself to the belief that all the things for which requisitions were made were either used or needed. I questioned very much whether they ever reached the institution, and if they did, that they were properly husbanded. Desiring to inform myself, so as to be able to act intelligently before taking any action that might possibly bring some innocent person suspicion, I sent for a manual issued by the United States Government, showing amount of rations the government allows its soldiers. From a perusal of this and a comparison of it with requisitions from the institutions I discovered that the amount of food required to feed an able-bodied soldier was much less than was assumed to be sufficient for the sick and insane. I could not believe it, and I established from this manual a schedule of rations which I directed the Superintendents to follow. When this order was first issued I received from most of the institutions strong protests. In some cases I was given elaborate reports showing that the institutions could not be maintained on the estimates I had made and insisted on being adhered to. I declined to be convinced until a trial was made, and the result justified my action. There has been a reduction in the amount consumed of almost every variety of supplies. Institutions that required three tons of soap per month found that they could get along just as well with half that quantity. Others who insisted that three and a half tons of sugar was not too much for one month discovered that they only needed half that much. Some of the Superintendents were surprised at the results themselves, and they told me that the amounts I had specified had been ample. This was not accomplished by stinting the patients in the institutions. It was brought about by changes made in the clerical forces of several institutions and by insisting upon a system of weighing all supplies being inaugurated and rigidly adhered to. The apparent enormous consumption of supplies that had so surprised me was the result partly of a lack of vigilance on the part of the employes of the city, and partly of rank dishonesty. In making the examinations regarding the food supplies I obtained evidence which convinced me that there had been systematic stealing connected with the delivery and distribution of supplies at the institution. I made strenuous efforts to have the guilty parties punished, and brought about the arrest of several against whom I obtained evidence clearly strong enough to convict. Several cases arising out of this action are now pending in the courts and before the Grand Jury. I have never had any desire to prosecute these persons, for I realize that some of them were more the victims of weakness than of vice, but I was forced under the obligations of my oath to perform my duty to the city. To my mind one of the chief causes of dishonesty among the employes of the Health Department was the meagerness of the salaries paid, combined with the impression, that unfortunately appeared to exist a few years ago in St. Louis, that city officials might without prejudice eke out their incomes by filching from the city. Small salaries are open to objection in any business, and in the final analysis the conduct of a department in a large city is as much of a business as running a mercantile establishment. It is certainly possible to employ honest men for small salaries. It may even be possible to find an occasional man who is both honest and competent, but is forced to work for less than his services should be worth in the open market. But in case of a competent man it is the city that is taking advantage of an individual's necessities and obtaining from him something for which it does not return a fair compensation. When the city does this it sets an example of sharp practice that many an individual is prompt to follow. There is a rude sense of justice in every man, and the instinct to make reprisals is as strong as that of self-defense. One man of moderate honesty employed at a salary lower than he deserves looks about him and sees an opportunity to increase his compensation without the leave of his superior officers. He argues that it is better for him to swindle a corporation than it is for a corporation to swindle him, and he yields

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to temptation. Another of a less degree of integrity sees him flourish in a small way and proceeds to enlarge the plan of operation. Eventually the big boodler develops. Then the city is shocked at the depravity of man. The city starts the ball rolling. It sets the example of an unfairness which is cousin german to dishonesty, yet it is astonished when "the hired man" makes reprisals. Low salaries inevitably mean incompetent men, or thieves, except in cases so rare that they may be classed as the exceptions that prove the rule.

That there was dishonesty and carelessness of a flagrant character in the Health Department at the time of my induction into office is demonstrated by the facts that have developed. I had monthly reports made to me showing the per capita consumption under the different headings at the several institutions. I submit herewith a copy of the blank form now used in the Department:

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TABLE No. 1.

STATEMENT SHOWING THE QUANTITY AND CHARACTER OF THE SOLID AND LIQUID FOOD CONSUMED DAILY, PER CAPITA, AT THE VARIOUS INSTITUTIONS OF THE HEALTH DEPARTMENT, DURING THE MONTH OF —— 190—.

INSTITUTIONS.	Officers and Employes.	INMATES.	TOTAL.	Fresh and Salted Meats and Fresh and Salted Fish Consumed Daily per Capita, oz.	Oat Meal, Corn Meal, Rolled Oats, Grits, Peas, Rice, Beans, Hominy, Barley, Cracked Wheat, Farina, Farinose, Consumed Daily, per Capita, oz.	G. Apples, E. Apples, E. Peaches, E. Apricots, I. Potatoes, S. Potatoes, Prunes, Rutabagas, Turnips, Onions, Kraut, Cabbage, Consumed Daily per Capita, oz.	Flour, Bread, Soda—Crackers, Cracker—Meal, Maccaroni, Vermicelli, Consumed Daily, per Capita, oz.	Total Amount of Canned Goods Consumed Daily, per Capita, oz.	Butter, Eggs, Cheese, Lard, Molasses Consumed Daily, per Capita, oz.	Sugar Consumed Daily, per Capita, oz.			Total Amount of Solid Foods Consumed Daily, per Capita, oz.	Teas, Coffees, Chicory, Cocoa Consumed Daily, per Capita, oz.	Milk Consumed Daily, per Capita, Pints.	Soap Used Daily, per Capita, oz.	Number Barrels of Flour Received.
Poor House																
Insane Asylum																
City Hospital																
Female Hospital																
Emergency Hospital No. 2																

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TABLE No. 2.

QUANTITY OF CHICKENS AND EGGS CONSUMED.

INSTITUTIONS.	Chicken Consumers.	Lbs. Consumed Weekly, per Capita.	Eggs Consumed Dozen
Poor House			
Insane Asylum			
City Hospital			
Female Hospital			
Emergency Hospital No. 2			

TABLE No. 3.

QUANTITY OF SOAP AND SUGAR USED.

INSTITUTIONS.	No. of Pounds of Soap Used.	No. of Pounds of Sugar Used.
Poor House		
Insane Asylum		
City Hospital		
Female Hospital		
Emergency Hospital No. 2		

The expenditures for the fiscal year 1902-03 at the City Hospital, Female Hospital, Insane Asylum, Poor House, and Quarantine amounted to $528,644.27, while the expenditures for the fiscal year 1903-04 amounted to $469,675.85, showing a saving on the last fiscal year over the year preceding of $58,968.42. Furthermore there was a large increase in the number of inmates at the various institutions, to say nothing of the fact that a large sum remaining over from the account for food was applied to the equipment of the new hospital at the Poor House.

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OFFICE HEALTH COMMISSIONER AND BOARD OF HEALTH

PERSONNEL.

Frank A. J. Hiller....Clerk Health Commissioner and Board of Health.
John H. Matthews.....Assistant Clerk and Bookkeeper.
C. S. Hollocher.....Assistant Bookkeeper.
Michael Smyth .....Mortuary Record Clerk.
May Clymer .....Stenographer.
Percy Ragsdale .....Messenger.

	Appropriations.	Balances.	Overdrawn.
For salaries	$18,000.00	$ 129.27	.....
For office expenses, etc.	5,400.00	1,340.19	.....
For vaccine virus	1,500.00	526.33	.....
Unpaid bills last fiscal year	135.38	.....	.....

Hon. John H. Simon, M. D., Health Commissioner:

Dear Sir—I beg to submit herewith my report covering the work of this office as far as it pertains to vital and mortality statistics, including a financial exhibit, covering the fiscal year ending March 31st, 1904:

CALENDAR YEAR.

The death rate for the year ending December 31st, 1903, based on an estimated population of 645,000, was 17.28. The total number of deaths being 11,145, of which 9,840 were white and 1,305 colored. The death rate per thousand was 16.26 for the white, and for the colored 32.64. 792 more deaths occurred in 1903 than in the preceding year.

The months of July and December showed the largest increase in the number of deaths; it being 211 in former and 247 in the latter month, in comparison with the same period in 1902. Sixty per cent or 276 deaths were due to diseases classified as local disorders, under which heading are embraced bronchitis, pneumonia and other diseases of the respiratory organs. Deaths resulting from pneumonia were in July, 1903, 49, against 26 for the same month in 1902, and in December, 1903, 156, and 67 in December of the previous year. However, the deaths resulting from pneumonia during the entire calendar year were only 109 in excess of the previous year, amounting to 1,054 in 1903, against 945 in 1902.

The total number of burial certificates issued during the year ending December 31st, 1903, was 12,601; 682 were for the remains of persons who died elsewhere and were shipped into St. Louis for interment; 774 were for still-births and 11,145 deaths, as stated above, occurred in the city.

FISCAL YEAR.

12,950 death certificates were received during the fiscal year ending March 31st, 1904, and permits for burial issued thereon. Of this number 704 were the remains of persons shipped into the city for interment; 760 were for still-births and 11,486 for local deaths. Of this latter figure 10,153 were white persons and 1,333 colored. The death rate for total deaths, based on an estimated population of 670,000, is 17.14 per thousand. Making the death rate per thousand for the whites, on an estimated population of 628,000, 16.17, and 31.76 on an estimated population of 42,000 for the colored.

The deaths from zymotic diseases suffered but a slight increase over last year, and this was mainly due to typhoid fever, the deaths from this disease increasing from 222 in 1902-03 to 284 in 1903-04; 382 deaths resulted from diarrhoeal diseases under five years in the fiscal year just closed, against 365 deaths in the fiscal year preceding. 1,169 persons died from consumption, against 1,095 in the preceding fiscal year. Deaths from other constitutional diseases were about the same as the preceding year and suffered but a slight increase.

The greatest increase in deaths resulted from diseases classified under the heading of "local diseases," which embraces bronchitis, pneumonia,

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other diseases of the respiratory organs, diseases of the circulatory system, diseases of the brain and nervous system, etc. The number of deaths were 5,637, against 4,899 the preceding year. 51.22 of this total increase in local diseases was due to the great number of deaths resulting from diseases of the respiratory organs. The deaths from bronchitis were 401, or an increase of 17 per cent; 1,220 deaths from pneumonia, against 946 deaths the previous year, or an increase of 29.15, and 355, or an increase of 14.88 per cent for other diseases of the respiratory organs. The mortality for these diseases was largest in the months of December, February and March. The deaths due to pneumonia amounting to 219 in the last named months against 148 for the same months last year.

The deaths from all other affections classified under local disorders were about normal, except disorders of the circulatory system, which were somewhat above the normal.

The mortality from developmental troubles for the fiscal year was 1,299, against 1,288 for the previous year. 47 deaths resulted from cyanosis; 234 were due to inanition; 118 to premature birth; 8 to puerperal diseases other than puerperal fever; 562 to senility and 330 from congenital debility, etc.

The deaths from violence for the fiscal year were 834, against 662 or an increase of 26.00 against the preceding year; the same being almost entirely due to accidents and suicides. 515 deaths, being 114 or 28.43 more than last year, occurred from the former, while the increase in the latter is 35.81, or 201, against 148 in 1902-03.

The total number of deaths occurring at the eleemosynary and other institutions of a public character were 3,408, or 29.67 per cent of the total mortality. In the institutions of the Health Department there were 1,810 deaths, or 15.77 per cent of the total mortality for the fiscal year.

12,074 births were reported. Of this number 11,426 were white and 648 colored; 6,072 males and 6,002 females.

Further information regarding the mortality experience can be found in Part II. of the Department report, which covers statistical data for the entire year in detail.

FINANCIAL EXHIBIT.

The following table shows in detail the expenses incurred during the year. The items do not vary materially as compared with the previous year, excepting that the total expenses are slightly lower, which is mainly due to a saving in salaries in the Health Commissioner's office.

BOARD OF HEALTH AND COMMISSIONER.

Salaries—Commissioner, Members, Clerks, Assistant Health Commissioner, Messenger, Veterinary Surgeons and Meat Inspectors	$17,870.73
Horses—Stabling and Shoeing	219.27
Vehicles—Vehicle repairs	82.95
Harness—Harness repairs	75
Hire of horses and vehicles	294.00
Office Expenses—Furniture, etc.	1,221.00
Railroad and street car fare	1,050,00
Printing, Stationery and Advertising	1,925.84
Postage stamps and cards	211.00
Vaccine Virus	973.67
Bacteriological Division	5,795.00

SANITARY DIVISION.

Salaries	$49,977.38
Office Expenses	12,468.84
Disinfectants	13,673.20
Horses and Wagons	548.00
Unpaid bills last fiscal year	135.38

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CITY CHEMIST.

Salaries, office expenses, etc	$13,366.98
Chemicals	1,086.13

ABSTRACT OF PROCEEDINGS OF THE BOARD.

Regular meeting, April 13, 1903: Action in complaints of nuisance: Two cases dismissed: Four cases condemned.

As requested by the Board, the City Counselor furnished additional information regarding the bills on file in this office, which he recommended for cancellation, against various persons for the maintenance of insane patients, giving the dates of the bills and the amounts due.

On motion of Dr. Merrell, duly seconded, the list submitted was ordered referred to the Superintendent of the Insane Asylum with the request that he ascertain from the original commitment papers whether the parties against whom bills are rendered, or others, obligated themselves to compensate the city for the care of these patients.

Regular meeting, April 16, 1903: Ordered, after a hearing, that Charley Wolfers and Samuel Prensky be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: One case dismissed: Seventeen cases condemned.

Regular meeting, April 23, 1903: Six cases dismissed: Twelve cases condemned.

Regular meeting, May 7, 1903: Ordered, after a hearing, that Mary Barthels, Anna E. Davis, Geo. C. Bomb, Lottie Moeloth, Frank G. Boehm and Elizabeth Voss be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Nine cases dismissed: Eight cases condemned.

Regular meeting, May 11, 1903: Action in complaints of nuisance: Three cases dismissed: Three cases condemned.

The Mayor announced the following Committee on Legislation and Rules: Mr. Jos. L. Hornsby and Dr. Albert Merrell.

Dr. Merrell moved that the Committee on Legislation and Rules present a revised set of rules for the consideration of the Board at its next meeting. Motion seconded and carried.

The following appointments submitted by the Mayor were, on motion, duly seconded, approved:

Dr. John Young Brown, Superintendent of City Hospital.

Dr. E. C. Runge, Superintendent of Insane Asylum.

Dr. Oscar H. Elbrecht, Superintendent of Female Hospital.

Dr. M. J. Dwyer, Superintendent of Quarantine and Smallpox Hospital.

Dr. Walter Bernays, City Chemist.

Dr. C. A. Snodgras, City Bacteriologist.

On motion of Mr. Hornsby, duly seconded, May 20th was selected as the date of holding the competitive examination of physicians for appointments as internes at the City Hospitals. The Clerk was instructed to notify the several medical colleges accordingly, and also request the use of the Chamber of the House of Delegates for the purpose of conducting this examination.

Regular meeting, May 14, 1903: Ordered, after a hearing, that Roy Roberts be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: One case dismissed: Three cases condemned.

The Health Commissioner submitted a communication to the Board for their consideration, calling attention to what he considered some defects in the present ordinance relating to the commitment of the insane, which, in his opinion, were responsible in a great measure for the overcrowding of the insane wards at both the Asylum and the Poor House, due to the fact that non-resident patients were frequently admitted, and submitted for example four certificates of insanity for the admission of patients from the City Hospital presented to him for his approval, which was

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withheld for the purpose of conferring with the Board and securing their views as to the proper course to pursue.

St. Louis, May 14, 1903.

Honorable Board of Health, Hon. Rolla Wells, Mayor and Presiding Officer:

Gentlemen—Upon assuming the duties of Health Commissioner, I find conditions existing at the Insane Asylum and Insane Department of the Poor House, which, in my opinion, should be changed as soon as possible.

I find that the ordinances in relation to the admission of insane to the Insane Asylum, regulating the admission of insane, very defective, and to my mind, these ordinances are in a great measure responsible for the overcrowded condition of the Insane Asylum and the insane wards at the Poor House. Today there are 701 insane patients at the Insane Asylum and 915 at the Poor House, a total of 1,616.

I find that nearly three-fourths of the insane that are admitted to the Insane Asylum are admitted under the provisions of Sections 772, 773, 774 and 775 of the Municipal Code. I find that comparatively few patients are admitted by the order of the Board of Health, under the provisions of Section 781.

Section 772 provides that where any person is found in the hospitals or Poor House, whom the Superintendent shall certify to as being insane, that these persons shall be removed on the order of the Health Commissioner to the Insane Asylum.

Under the provisions of Section 773, where application is made at the Dispensary to admit a person to the hospital, the law directs that the Health Commissioner, if the Dispensary Physician reports the person insane, shall place the party in the Insane Asylum.

Section 774 provides that where any insane person is found by the police unprotected by guardians or friends and in such a condition as to endanger the lives and property of the citizens of the city, the police shall take such person into custody, and Section 775 provides that where such person is taken by the police to the hospital, the Health Commissioner, on the report of the physician, shall order such person to be admitted to the Insane Asylum.

Beyond the fact that the person is insane there appears to be no examination made. No steps are taken to discover whether the party has property, whether their natural guardians have means of taking care of them, or if they have lately come into the city, no steps are taken to get rid of them or return them to where they belong. They are placed in the Asylum, and here they remain and are lost sight of, and I believe that it is this system that is, in a great measure, the cause of the overcrowded condition of the insane wards of the city.

This morning I have been handed four reports sent by the Superintendent of the City Hospital requesting the transfer from that institution of four insane patients. Following the custom that appears to have been in vogue, the permits have been made out and submitted to me for my signature, and I have withheld my approval until I could lay the matter before your Honorable Board, so that I could learn your views and have your advice as to the proper remedies to be adopted to arrange what to my mind is a very defective method of handling the insane that are brought to the attention of the Health Department.

As an example, I will take up the cases that have been submitted to me. Edward Echenberg was admitted to the City Hospital on May 8th. It appears from the records and history that on that day he was taken up by the police, that he stated that he was a blacksmith and that he came here a few days ago from Chicago. It also appears that he has a son living at No. 1113 North Clark street, Chicago. Now, here is a party who is a non-resident of the city, just drifted in here, and it also appears that the next day (May 9th), after he had been one day in the hospital, the Superintendent of the hospital and one of his assistants certified that he is insane and recommend that he be sent to the Insane Asylum. Here is

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a man who has only been under observation twenty-four hours, and under conditions that make it very difficult to arrive at a proper diagnosis of his case; still, however, under the laws, he is to be sent to our City Insane Asylum.

The second case is a woman named Annie Stollie. She was admitted to the hospital on May 11th, and on May 13th the physician certified that she is an insane person and recommended her being transferred to the asylum. She appears to have a husband living at No. 2211 Bismarck street. She was taken sick and transferred to the Lutheran Hospital to be treated for fever. The report says that she became violently insane and the hospital had no means of caring for insane persons, and at the request of her husband was transferred to the City Hospital. In this case this woman has been but two days under observation. There appears to be no effort made to find out what means her husband has; whether he has the means to provide for her in a private asylum, or whether he can pay anything to the city in compensation for her support.

The next case is a man named Kyle D. Barr, who was admitted to the City Hospital on May 7th, and on May 12th the physicians in charge recommended him to be sent to the Insane Asylum. Now, it appears from the history of this man's case that he has only been a week in this city. He has been a soldier, and in September, 1900, was sent to the Government Hospital at Washington. It appears that his stepfather, E. S. Evertson, who resides at No. 2846 Lawton avenue, took him away from the Government Hospital, brought him to St. Louis, and a few days afterward brings him to the City Dispensary and asks that he be sent to the City Insane Asylum. Now, in this case I think his stepfather has a violated the laws of the city in bringing an insane person to this city, and he has taken a man who properly belongs under the charge of the Government of the United States away from the Government Hospital and brings him here to be cared for at the expense of the City of St. Louis. To my mind, this is a case that should be closely looked into; if it is possible, he should be returned to the Government Hospital; if that cannot be done, his stepfather who brought him here, should be prosecuted under the law. Of course, I make these remarks, based on the reports presented to me.

Now, the fourth case, Ester Devoto, 20 years old, was admitted to the City Hospital May 6th, and on the same day the Superintendent of the hospital certified that she is insane and recommends her to be sent to the Insane Asylum. Now it appears from the reports that she has been residing with her husband at No. 5942 Theodosia avenue; that she has been under the care of a doctor; that she is pregnant; that he recommended she be sent to the hospital. She was brought to the Dispensary. The doctor who examined her here thought her mind was unbalanced, and he sends her to the observation ward at the City Hospital, and the same day it is recommended she be transferred to the Insane Asylum. Here is a case which, from the history, I have grave doubt is a proper subject for treatment in an insane asylum. But, admitting that she is insane, what steps have been taken to find out whether her husband is able to provide for her; what means he has and whether she is a proper person to be made a charge of the city?

These four instances that I have cited here to you appear to be a sample of a great many of the cases that pass through the Dispensary after a hurried examination and are sent to the Insane Asylum through the City Hospital, or in many cases, I understand, are sent directly from the Dispensary.

I am told that the observation wards at the City Hospital are far from being what they should be for the treatment and care of this class of patients, and that under the conditions that exist there it is almost impossible for the physicians to give the cases the observation that should be given to such cases before committing them to the Insane Asylum.

I have not yet been able to inform myself sufficiently of all the conditions that exist at the hospitals so that I can suggest at this moment what is the best measure to be adopted. Some of the gentlemen of the

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Board of Health have been members for some years and probably may be able to give valuable advice, but I consider the question an important one and one that the Board of Health should take up and examine into thoroughly. The ordinances appear to be all right; appear to be drawn up to cover cases which must come up frequently; at the same time there appears to be some great defects, and, as I stated above, I believe that to these defects can be attributed in a great measure the overcrowded condition of our institutions. Respectfully,

J. H. SIMON,
Health Commissioner.

On motion of Mr. Frye, duly seconded, the communication was referred to the Health Commissioner and the Committee on Asylum, Poor House and Sanitary Office, with the request that some regulations be made regarding the insane, preparatory to admitting them to the institution, and report to the Board some method of handling this class of patients.

In regard to the applications for the admission of the insane submitted to the Board, Dr. Merrell moved that the Health Commissioner investigate the conditions in each case to his satisfaction, and report his recommendations to the Board as to the disposition of these patients. Motion seconded and carried.

Regular meeting, May 21, 1903: Ordered, after hearing, that Fredericka Ukeley be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Eleven cases dismissed: One case laid over.

The committee to whom was referred the question of improving on the present method of caring for supposed insane persons held under observation, pending determination as to their mental condition, submitted the following report, and recommended that suitable quarters be fitted up in the Emergency Hospital, Fourteenth and O'Fallon streets, for this purpose. On motion of Mr. Hornsby, duly seconded, the report was received and adopted, and the Health Commissioner instructed to take the necessary steps to make the contemplated changes.

St. Louis, May 21, 1903.

Honorable Board of Health, Hon. Rolla Wells, Mayor and Presiding Officer:

Gentlemen—Your committee to whom was referred the examination of the detention wards at the City Hospital, beg leave to submit the following:

The committee visited the City Hospital at Seventeenth and Pine, and found the detention ward to be in a one-story building on the south side of the yard in the rear of the main building. The ward is divided up into eleven cells, lavatory, etc. The cells are similar to those found in police stations, possibly a little better lighted. Being a one-story building, this place must be exceedingly hot in the summer. The cells are clean, but overcrowded. The cells were originally constructed as a temporary detention ward for the observation of persons supposed to be insane, but the necessities of the hospital have compelled the management to use them for other purposes. Prisoners from the Work House and Jail requiring medical treatment, and violent alcoholic patients are confined in these cells. In one cell, at the time of our visit, were found two women who were under examination for insanity, and in the same cell was a colored woman from the Work House. Owing to the large number of patients daily received the cells are terribly overcrowded; sometimes four persons have to be placed in a cell which should not have over two, and the space does not allow more than three cots to be placed in them. Insane persons in a highly nervous condition are placed alongside of raving and chattering alcoholic patients.

The present Superintendent and his predecessor both appear to have done everything in their power to keep these cells clean and care for these people in the best possible manner under the circumstances, but the condi-

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tions that exist there are revolting and inhuman, and under the present state of affairs it is impossible for any medical man to properly and carefully observe the conditions of persons who are supposed to be insane. While these cells may be used temporarily for alcoholic patients, or for prisoners from the Work House and Jail, they are entirely unsuitable for insane patients.

After making a careful examination of these detention wards your committee unanimously agreed that if it were possible, more suitable quarters must be immediately selected for the supposed insane persons who are under observation pending their transfer to the Insane Asylum.

The Committee then visited the Emergency Hospital, lately purchased by the City, at Fourteenth and O'Fallon Streets. Here we found a clean, well lighted and comparatively modern hospital. After looking the hospital over, the Committee decided that the fourth floor, of what is known as the new building, on the O'Fallon Street side, would be a proper and suitable place to be fitted up as detention wards. There are eleven rooms opening on to a large corridor. The rooms are cool, well lighted and with very little expense could be converted into most excellent quarters for the care and observation of insane patients. The expense will be comparatively small and will consist of the barring of the windows, placing open barred partitions across each end of the corridor, and opening a door from one of the rooms into the toilet room. When this is done the Health Department will have a proper and suitable place for the detention and observation of insane persons, and your Committee strongly recommends to the Board that immediate steps be taken to prepare these rooms at the Hospital at Fourteenth and O'Fallon Streets, for the reception of insane persons.

(Signed) J. H. SIMON, M. D., Chairman,
WM. G. FRYE.
H. WHEELER BOND, M. D.

The Committee to whom was referred the rules of the Board of Health for revision, reported the following amendments. On motion, duly seconded, the report of the Committee was adopted, and the clerk was instructed to notify the Mayor of the changes in the number of Committees and request that he revise the Committee's appointments.

St. Louis, May 21, 1903.

To the Honorable Board of Health:

Your Committee on Rules, to whom was referred the rules for revision, respectfully report the following amendments to the existing rules:

Instead of Rule 4, the following:

IV. The Mayor, as Presiding Officer, shall in April, 1903, or as soon thereafter as convenient, and every two years thereafter, appoint the following standing committees, each composed of two members of the Board:

1st. Committee on City and Female Hospitals.
2nd. Committee on Asylum, Poor House and Sanitary Office.
3rd. Committee on Dispensary, Quarantine and Health Commissioner's Office.
4th. Committee on Legislation and Rules.
5th. Committee on City Chemist's Office and Milk Inspection.

Instead of Rule 6, the following:

VI. All appointments made by the Health Commissioner shall be referred to the Standing Committee for that branch of the Health Department to which the appointments are made, and all endorsements or recommendations made in behalf of an appointee shall be referred with the appointment to the Committee.

Add a new Rule to be known as Rule 10:

X. In case of the absence of the Mayor, the Health Commissioner and the Assistant Health Commissioner from a meeting, the members present shall elect a temporary Presiding Officer.

(Signed) J. L. HORNSBY,
ALBERT MERRELL,
Committee.

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The following communication of the City Chemist, submitting the name of Dr. Alfred Kammerer for appointment as Assistant City Chemist, under Ordinance No. 20,808, was received and referred to the proper Committee:

St. Louis, May 21, 1903.

To the Honorable Board of Health,
Hon. Rolla Wells, Mayor and Presiding Officer.

Gentlemen—I wish to notify you that I took charge of the City Chemist's office on May 13th, 1903. I also submit for your approval the appointment of Dr. Alfred Kammerer as Assistant Chemist under Ordinance No. 20,808.

Respectfully yours,
WALTER BERNAYS,
City Chemist.

Regular meeting, May 28, 1903: Ordered, after a hearing, that Ellen Hanney and Mrs. Mary Kettmann be admitted as patients to the Insane Asylum.

Action in nuisance cases: Twelve cases dismissed; four cases condemned.

The following communication from the Health Commissioner and the rules submitted for the government of the office of the City Bacteriologist and Pathologist were read. On motion of Mr. Hornsby, duly seconded, the rules were referred to a special Committee, consisting of the medical members of the Board of Health, for report at the next meeting of the Board.

St. Louis, May 28, 1903.

To the Honorable Board of Health,
Hon. Rolla Wells, Mayor and Presiding Officer.

Gentlemen—On assuming the duties of Health Commissioner, I found that the provisions of Ordinance 20,640, approved April 7, 1902, which Ordinance in Section 2 provides that the rules relating to the office of the City Bacteriologist shall be promulgated by the Health Commissioner, with the approval of the Board of Health, had never been carried out, and that the office of the City Bacteriologist had been managed during the past year in a manner not provided by the Ordinance. I also find that my predecessor, some time last summer, submitted to the Board of Health, rules governing this office, that the same were returned to the Board of Health by the Committee having the matter in charge, with the recommendation that the Health Commissioner consider the rules that the Committee had prepared, and the records show that afterwards the rules were again returned to this Committee for further report.

I obtained a copy of the rules prepared by my predecessor and I also obtained a copy of the rules which the Committee of the Board of Health had suggested to my predecessor for his consideration, and in preparing the present rules, which I herewith submit to you for your approval, I have been guided by the information I have obtained by reading over the two sets of rules. I find that the Committee in their rules made a recommendation that the City Bacteriologist should submit to the Board of Health rules for the government of his office to be adopted with their approval. This is in direct contradiction to the provisions of the Ordinance, which distinctly states that the rules shall be made by the Health Commissioner. From the reading of the Ordinance I have formed the opinion that it was the intention of the Municipal Assembly to place this office in the same position under the Health Commissioner, as other offices of the Health Department are.

I also wish to state that about ten days ago I addressed a communication to Dr. Snodgras, the City Bacteriologist, informing him that I intended to prepare the rules, and asked him to submit to me some suggestions. This communication he has not noticed. I do not believe that the office should be conducted any longer in the irregular manner

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in which it is now managed. The provisions of the Ordinance relating to it should be carried out.

Very respectfully,

J. H. SIMON, M. D.,
Health Commissioner.

RULES FOR THE GOVERNMENT OF THE CITY BACTERIOLOGIST AND PATHOLOGIST.

RULE 1.—The office of the City Bacteriologist and Pathologist and Bacteriological, Pathological and Medical Laboratories of the City Hospital shall be under the direct control and management of the City Bacteriologist and Pathologist.

RULE 2.—The City Bacteriologist shall be responsible for the care and use of all property, instruments and apparatus in his hands, and shall keep a proper record book showing all articles received, and all articles consumed or destroyed.

RULE 3.—It shall be the duty of the City Bacteriologist to do such bacteriological and pathological work for the City Institutions and for the patients under the care of the City, as may be requested of him by the superintendents or heads of the respective divisions of the Health Department, subject to the rules of his office, and to report to the person at whose request such work is done, the result of the examination.

The Health Commissioner shall have the right to direct the City Bacteriologist to do bacteriological and pathological work for the benefit of any indigent citizen of the City of St. Louis, at the written request of the physicians attending such citizens, accompanied with a written statement of such physician that such citizen is financially unable to pay for such work, but such examination shall only be made for such persons who reside within the limits of the City, and whose exact residence is reported by the physician making the request.

RULE 4.—The City Bacteriologist and Pathologist shall have control of all assistants, clerks, stenographers, janitors and other persons that may be employed in carrying on the works of his office.

RULE 5.—The Health Commissioner shall appoint all persons employed in the office of the City Bacteriologist and Pathologist, subject to the approval of the Board of Health, and the salaries of all such persons, until otherwise provided for by ordinance, shall be fixed by the Health Commissioner, by and with the approval of the Board of Health.

RULE 6.—All pay rolls and requisitions for any and all articles used in the office of the City Bacteriologist and Pathologist, and all requisitions for repairs of any kind, shall be made and signed by the City Bacteriologist and Pathologist and approved by the Health Commissioner.

RULE 7.—The City Bacteriologist and Pathologist shall have the power to discharge or suspend any employe in his office for carelessness, neglect of duty, gross violation of the rules or incompetency. When the City Bacteriologist shall find it necessary to discharge any employee he shall report the fact of said discharge or suspension, and the cause of such action, to the Health Commissioner. If the Health Commissioner does not approve of the action of the City Bacteriologist in the discharge or suspension of the employee, he shall refer the whole matter to the Board of Health, who shall have the power to concur in the discharge or suspension, or order a reinstatement of such party.

RULE 8.—He shall examine only such specimens for physicians as are made out on the regular form of blanks properly filled out by physician making the request. These blanks to be furnished by the office of the City Bacteriologist and Pathologist.

RULE 9.—It shall be the duty of the City Bacteriologist and Pathologist to keep such stations which the Health Commissioner of the City may designate, supplied with slides for Typhoid tests, sputum bottles and Diphtheria culture tubes, to be used only by such physicians and for such persons as designated in Rule 3.

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RULE 10.—It shall be the duty of said officer to make a written report to the physician from whom material is received, giving the result of the test: this report may be delivered in person or sent through the mails within twenty-four hours of the receipt of the specimen, Sundays and legal holidays excepted.

It shall also be the duty of the City Bacteriologist and Pathologist to hold post-mortems for the City Hospital and keep a record of his work, and when he deems it necessary for the more exact determination of the cause of death, or to ascertain the true pathological condition of the subject on whom a post-mortem is held, it shall be his duty to make microscopic examinations of such organs of the subject of the post-mortem as will aid him in making a true diagnosis. When the Pathologist is unable to hold a post-mortem he shall report the fact to the Superintendent of the City Hospital, and shall designate an assistant to make such an examination.

RULE 11.—The City Bacteriologist and Pathologist shall make bacteriological examinations of such material as may be submitted to him by the Health Commissioner, reporting upon his findings at the earliest possible time.

RULE 12.—It shall be the duty of the City Bacteriologist to make a daily report to the Sanitary Office of the Health Department, of all cases of infectious and contagious diseases that may come to his notice as the result of the examination made by him, giving the name of the physician, the name of the patient and his residence.

RULE 13.—He shall also make a monthly and annual report to the Health Commissioner of all the work done in his office.

RULE 14.—All bodies of patients of the City Hospital on which post-mortem examinations shall have been made by the City Bacteriologist and Pathologist, shall, after the completion of such post-mortem examinations, be delivered to the Superintendent of the City Hospital.

On motion of Dr. Merrell, duly seconded, it was ordered that the last Property Return of the City Chemist's office for the period ending March 31, 1903, be returned to the City Chemist, with instructions to check up the report and furnish the Board a statement showing the amount of material on hand and the condition of same at the present time.

Regular meeting, June 4th, 1903: Ordered, after a hearing, that Elizabeth Coffey be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Four cases dismissed; five cases condemned.

The Committee to whom was referred the rules for the government of the office of the City Bacteriologist and Pathologist, submitted the following report recommending their approval, with the exception of Rule 2. On motion, duly seconded, the report of the Committee was adopted.

St. Louis, June 4, 1903.

Honorable Board of Health,

Hon. Rolla Wells, Mayor and Presiding Officer.

Gentlemen—We, the undersigned, a special Committee appointed by the Honorable Board to report on the rules submitted by the Health Commissioner for the government of the Office of Bacteriologist and Pathologist, respectfully recommend their adoption with the exception of Rule 2, believing its requirements to be fully covered by Rule 3.

Respectfully,

(Signed) ALBERT MERRELL,
H. WHEELER BOND,
Committee.

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The following appointments of Internes to the City, Emergency and Female Hospitals, who were successful in passing a competitive examination, were submitted by the Health Commissioner, and, on motion, duly seconded, approved:

St. Louis, June 4, 1903.

Honorable Board of Health,

Hon. Rolla Wells, Mayor and Presiding Officer.

Gentlemen—I have the honor to submit for your approval the following appointments of physicians who have successfully passed a competitive examination, for appointment as Internes at the City, Emergency and Female Hospitals:

Dr. Lewis Hunker, Jr.,	Dr. Joseph Davie,
Dr. Percy H. Swahlen,	Dr. Jas. M. Buchanan,
Dr. A. W. Schreiber,	Dr. C. G. W. Jungk,
Dr. H. V. Wilson,	Dr. Wm. Pierce,
Dr. M. C. Tuholske,	Dr. Elmer F. Scheve,
Dr. H. L. Thompson,	Dr. Olive D. Scott,
Dr. W. N. Horton,	Dr. F. H. Nies,
Dr. Wm. C. Spanagel,	Dr. G. A. Floreth,
Dr. Carl Althaus,	Dr. G. H. Cottral,
Dr. Henry Pace,	Dr. C. L. Rawlings,
Dr. F. B. Cochran,	Dr. C. G. Hinkle,
Dr. Arthur C. Kimball,	Dr. F. G. Adolph Bardenheier
Dr. F. N. Gordon,	Dr. Robert E. Keaney,
Dr. C. E. Pierce,	Dr. Inman I. Hall,
Dr. W. S. S. Short,	Dr. J. B. Chiles.

Respectfully,

J. H. SIMON,
Health Commissioner.

The Clerk was instructed to inform the City Chemist that the Board desires him to submit a form of weekly report, covering more in detail the work done in his office, and also formulate a set of rules for the government of his office, to be submitted to the Board for their approval.

Regular meeting, June 11, 1903: Action in complaints of nuisance: Four cases dismissed; three cases condemned.

The Health Commissioner submitted Rules and Regulations for the government of the City Dispensary, which, on motion, duly seconded, were ordered referred to the Committee on the City Dispensaries.

The following communication of the City Chemist was read, in which he submitted rules for the government of his office, also form for use in reporting analyses of dairy products and a form of report of dairy inspections. On motion, duly seconded, the same was referred to the Committee on the City Chemist's office and Milk Inspection Division.

St. Louis, June 11, 1903.

To the Honorable Board of Health,

Hon. Rolla Wells, Mayor and Presiding Officer.

Gentlemen—I enclose a form of report of analyses of dairy products and a form of report of dairy inspections. I would suggest, however, that such an elaborate report be made monthly and annually only and that the weekly report be made materially as in the past. This would reduce the amount of clerical work required and would enable me to use more of the time of my "Clerk and Laboratory Helper" in the laboratory.

I also enclose a set of general rules for the government of this office, which I will supplement, by a set of rules for the government

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of the employees of this office, as soon as such rules have passed the experimental stage.

I do not consider it advisable to submit provisional rules to you which are still subject to frequent modification. Hoping that these suggestions will meet with your approval, I am,

Respectfully,

WALTER BERNAYS,
City Chemist.

EXPLANATORY NOTES FOR DAIRY INSPECTION REPORTS.

BARNYARD.—The Barnyard is termed good when (1) it is well drained, (2) when the winter's manure is not piled up directly against the walls of the stable and is removed as early as possible in spring, (3) when it is kept free from manure.

STABLES.—The stables are termed good, (1) when the lighting, ventilation and drainage are adequate, (2) when whitewashed once or twice a year and kept free from cobwebs, (3) when the floor is of wood or better material and kept in good condition, i. e., water tight so that liquid manure may not seep through instead of being drained away, (4) when droppings of cows are removed frequently.

COWS.—Cows are termed good when they are healthy and clean: very good when in addition to this they are frequently curried.

CLEANLINESS IN MILKING.—Is termed good (1) when the cow's udder and surrounding regions are wiped with a damp sponge or cloth immediately before milking, (2) when the milker's hands are thoroughly washed just before milking, (3) when the hands and teats are kept dry during milking. When in addition to above requirements the milkers throw away the first few streams of milk from each teat, the milking is termed very good, and when in addition the milkers have clean outer garments which they wear only during milking, it is termed excellent.

METHOD OF CLEANING UTENSILS.—Method of cleaning utensils is termed very good when there are effective means of sterilizing them with a steam jet; good when they are well washed with water and soda and then scalded with actually boiling water.

METHOD OF HANDLING MILK.—The milk handling is termed good when the milk is removed from the stable immediately after being drawn from the cow, aerated and cooled in a pure atmosphere and when the method of cooling and keeping the milk cool are adequate and efficient.

RULES FOR THE GOVERNMENT OF THE OFFICE OF THE CITY CHEMIST.

RULE 1.—The office of the City Chemist and the employees thereof shall be under the direct control of the City Chemist.

RULE 2.—The City Chemist shall be responsible for the care and proper use of all property, instruments and apparatus belonging to the office of the City Chemist, and shall at the end of each fiscal year make a report to the Board of Health showing (1) articles on hand at last return, (2) articles received since last return, (3) articles used, condemned or destroyed, (4) articles on hand to be accounted for, and (5) the condition of these latter articles.

RULE 3.—All pay-rolls and requisitions for any and all articles used in the office of the City Chemist and all requisitions for repairs of any kind, shall be made and signed by the City Chemist and shall be subject to the approval of the Board of Health.

RULE 4.—The City Chemist, with the approval of the Board of Health, shall appoint all persons employed in the office of the City

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Chemist. The salaries of such employes as are not provided for by ordinance shall be fixed by the City Chemist with the approval of the Board of Health until otherwise provided for by ordinance.

RULE 5.—The City Chemist may, with the approval of the Board of Health, remove any employee of the office of the City Chemist for incompetency, misconduct or neglect or violation of rules.

RULE 6.—The City Chemist shall make analyses of any substances or products, or conduct any investigation which involves chemical work, when requested to do so by the Board of Health. When an emergency exists the Health Commissioner or the Mayor may make such request or order. He shall report the result of all such work to the Board of Health, and to the person by whose request the work was executed.

RULE 7.—The City Chemist shall superintend the inspection of the dairies and of the dairy-product supply of the city and do all else in his power to improve the milk supply of the city. To this end he shall devise a system of inspection and formulate a set of rules for the government of his assistants and others employed in the inspection and analyses of milk or cream. He shall see that an accurate record is kept of all inspection and analyses made by himself or any of his employees engaged in the inspection of dairies or in the collection and analyses of milk or cream.

RULE 8.—The City Chemist shall make weekly, monthly and annual reports to the Board of Health of all work done in the office of the City Chemist.

Regular meeting, June 18, 1903. Ordered, after a hearing, that Jefferson Glass and George Johnson be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: One case condemned.

The Committee to whom was referred the rules for the government of the office of the City Chemist, submitted their report recommending the approval of same by the Board. On motion, duly seconded, the report of the Committee was adopted.

The Committee to whom was referred the forms submitted by the City Chemist for use in making reports of the work conducted in his office, made a verbal report approving the form in detail, and, with the adoption of certain suggestions, recommended the approval of same by the Board. On motion, duly seconded, the report of the Committee was adopted and the form, as recommended, approved.

Regular meeting, June 25, 1903. Ordered, after a hearing, that Mrs. F. Luke, Jennie Belle Turner and Eliza Currie be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Five cases dismissed; five cases condemned.

The Committee to whom were referred the rules for the government of the City Dispensaries, submitted their report recommending the approval of same by the Board. On motion, duly seconded, the report of the Committee was adopted:

RULES AND REGULATIONS FOR THE GOVERNMENT OF THE CITY DISPENSARIES.

RULE 1.—The City Dispensary, its Branches and all the Officers and employees shall be under the control and management of the Chief Dispensary Physician, who is required to see that all the rules made by the Health Commissioner for the government of the Dispensary are enforced; that discipline is maintained, and that there is no waste or extravagant use of materials and supplies.

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RULE 2.—The Officers shall consist of the Chief Dispensary Physician, First Assistant Physician, who shall act as Chief Dispensary Physician in the absence of the Chief, and Superintendent of Ambulances.

RULE 3.—The Chief Dispensary Physician shall report for duty in winter at 9 A. M., and remain on duty until 5 P. M., and in the summer months at 8 A. M., and remain on duty until 6 P. M., excepting such time as may be required for meals.

RULE 4.—He shall examine all insane cases that are to be admitted to the Insane Asylum, through the order of the Board of Health, and also all persons who are brought to the Dispensary for admission to the Hospital, who may be found to be insane.

RULE 5.—The Chief Dispensary Physician shall furnish medical assistance to the inmates of the Jail, or he may detail the First Assistant Physician to perform this duty, or in case of emergency he may direct some of the assistants to visit the Jail.

RULE 6.—The Chief Dispensary Physician shall audit and sign all bills that may be contracted for the Dispensary, and he shall make all requisitions for all articles, including repairs of every character, needed at the Dispensary. All requisitions are to be approved by the Health Commissioner before being sent to the Commissioner of Supplies.

RULE 7.—No repairs of any kind to ambulances are to be made unless on a requisition, except in a case of emergency, and in these cases the requisitions must be made out as soon as possible

RULE 8.—Repairs to harness and the shoeing of horses must be made through pass-books kept with the parties doing the work, and special orders must be issued for each shoeing or repairs: except in cases of emergency where the shoeing and repairing may be done at the most convenient places. The ambulance driver having these repairs done shall report the facts as soon as possible to the Superintendent of Ambulances.

RULE 9.—The Chief Dispensary Physician shall have the use of a horse and buggy belonging to the city for the transaction of the business of the City Dispensary. Said horse and buggy shall be kept at such stable as may be designated by the Health Commissioner.

RULE 10.—The Chief Dispensary Physician shall see that a property account is kept of the number of horses, ambulances, harness, blankets and all other property, which property account must show where the property is, and in whose immediate charge.

RULE 11.—It shall be the duty of the Chief Dispensary Physician to keep a strict watch over the manner in which the medicine is dispensed, and that neither medicine or surgical dressings are given any but to indigent, excepting first dressings of any surgical case of emergency or any case of emergency.

RULE 12.—The Chief Dispensary Physician shall see that all records of the admission of patients to the Hospitals are properly kept.

RULE 13.—He shall make a weekly report to the Health Commissioner for the transactions of the Dispensary, showing in detail all work that has been done, such as the number of persons sent to the different institutions (male and female, white and colored), the number of insane persons examined by him, the number of persons sent through the Dispensary to the Insane Asylum, which persons have applied for admission to the Hospitals, the number of patients treated at the Jail, the number of persons vaccinated, the extent of ambulance service by miles and the number of prescriptions given at the Dispensaries.

RULE 14.—The Chief Dispensary Physician shall have charge of the Small-pox Observation Ward now maintained at the Central Dispensary, and have control of the nurses and employees there on duty. He shall see that no unnecessary expense is incurred for the maintenance of this Ward, and shall see that the rooms are kept disinfected.

RULE 15.—The Chief Dispensary Physician shall see that the ambulances and horses are assigned to such stables throughout the city as the Health Commissioner may direct, and shall make no changes

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unless approved by the Health Commissioner. All extra horses belonging to the Dispensary shall be kept at the City Hospital stables.

RULE 16.—The Chief Dispensary Physician shall inquire into and examine all cases of small-pox or supposed small-pox, or any contagious or infectious disease that he may be directed to examine by the Health Commissioner and any case of small-pox that may come to his knowledge from any source whatsoever.

RULE 17.—He shall not allow any of the City Ambulances to be sent beyond the limits of the city (except the ambulances that are sent to Quarantine), unless by special order of the Health Commissioner, nor shall he go outside the city limits to examine any insane persons or for any other public business connected with the city, unless by special order of the Health Commissioner.

RULE 18.—Whenever any persons are brought to the Dispensary from outside the city, who are seeking admission to the Hospitals or Insane Asylum, he shall examine carefully into the cases and report all the facts to the Health Commissioner. This rule shall not apply to emergency cases, and under the head of "emergency cases" shall be classed people who are violently insane, badly sick or wounded, and whose cases require immediate attention; in these cases shall he act as his best judgment directs and report the facts of his action to the Health Commissioner; but in the cases of insane persons, the method prescribed by the ordinances of the city must be strictly adhered to.

RULE 19.—The Health Commissioner shall assign the Assistant Physicians to the different Dispensaries, and fix their hours of service.

FIRST ASSISTANT PHYSICIAN.

RULE 1.—The First Assistant Physician shall be selected by the Health Commissioner from the corps of Assistant Physicians. In the absence of the Chief Dispensary Physician he shall perform the duties of the Chief Dispensary Physician, and he shall be governed by the rules governing the Chief Dispensary Physician.

RULE 2.—He shall assist the Chief Dispensary Physician and perform such duties as that officer shall require of him.

RULE 3.—The First Assistant Physician shall have charge of all vaccinations and the assignments of physicians detailed for that work, by and with the approval of the Chief Dispensary Physician.

RULE 4.—He shall report at once to the Chief Dispensary Physician any misconduct, neglect of duty or any violation of the rules on the part of any physician doing vaccination.

ASSISTANT PHYSICIANS.

RULE 1.—The Assistant Physician shall be under the control and management of the Chief Dispensary Physician. They shall promptly examine all persons applying for hospital admission, or for medical or surgical treatment, and render such assistance as may be necessary, and shall furnish prescriptions to all proper indigent persons who need medical attendance. In the performance of their work, if any question arises, they shall refer the matter to the Chief Dispensary Physician, or in his absence to the First Assistant Physician. They shall be on duty at such places and during such hours as may be designated by the Chief Dispensary Physician.

RULE 2.—They shall see that all instruments and dressings are properly replaced after use, and that their instruments are always in a clean and serviceable condition. Instruments must be at all times thoroughly sterilized after use.

RULE 3.—A full complement of instruments having been furnished the physicians, they shall keep such instruments in good repair and replace any which may be missing.

RULE 4.—They shall see that no loafing or disorderly conduct is allowed about the premises of the Dispensary.

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RULE 5.—In undertaking a case, each physician will follow the same to a conclusion instructing the patient to return, as often as may be necessary, during the hours of his watch.

RULE 6.—They shall render neither medical nor surgical assistance nor furnish medicine to any person whatever, excepting such person comes strictly within the indigent class; but all emergency cases must be at once attended to.

RULE 7.—In the semi-annual or quarterly change of watches, the physicians on the 3 p. m. to 11 p. m. watch shall stand a double watch from 3 p. m. to 7 a. m.

RULE 8.—Where application is made for medical or surgical treatment, and where the Assistant Physicians have doubts about the parties being proper subjects for treatment, they shall make a note of the case and refer the matter to the Chief Dispensary Physician, who shall make inquiries of the Provident Association and St. Vincent de Paul Society, as to the worthiness of the applicant. If it appears to be a deserving case the physician shall give treatment until information can be obtained about the person applying.

SUPERINTENDENT OF AMBULANCES.

RULE 1.—The Superintendent of Ambulances shall have charge of the Ambulance Drivers, see that the horses and ambulances are kept in proper condition, see that the proper care and attention is given to any sick or disabled animals, and make changes where it is necessary in the teams driven by the different drivers.

RULE 2.—He shall report at once to the Chief Dispensary Physician any misconduct, neglect of duty or violation of the rules by an Ambulance Driver.

RULE 3.—The pass-books kept with parties doing the repairs of harness and the shoeing of horses will be in his charge, and he will make the proper entries in each case and will report to the Chief Dispensary Physician whenever, in his opinion, the price charged for repairing of harness or ambulances is excessive.

RULE 4.—He shall keep all accounts of the expenditures of the City Dispensary in proper books and make out all requisitions for all supplies and repairs needed, except drugs. He shall make out and prepare for the signature of the Chief Dispensary Physician the pay-rolls for each month; and he shall keep a time-book showing who is employed in the City Dispensary and in what capacity.

RULE 5.—For repairs of harness and shoeing of horses he shall have the authority to sign all orders for such work.

AMBULANCE DRIVERS.

RULE 1.—The Ambulance Drivers shall be under the control of the Superintendent of Ambulances and shall perform such duties as he may direct.

RULE 2.—At the Branch Dispensaries, the work of the Ambulance Drivers, i. e., the transportation of patients, will be under the orders of the physician in charge, and the same rule shall apply to the Ambulance Drivers on duty at the Central Dispensary at night time.

RULE 3.—The Ambulance Drivers shall be responsible for the care of their ambulances, horses and all appurtenances connected therewith while in their possession. It shall be their duty to see that their horses and ambulances are kept clean and in good repair. Whenever horses or ambulances are delivered to them by the stable in which they are kept in an unclean or damaged condition, they shall so report at once in writing to the Superintendent of Ambulances.

RULE 4.—The Ambulance Drivers will be on duty such hours as may be designated by the Chief Dispensary Physician, but all assignments for day or night work will be made by and with the approval of the Health Commissioner.

Rule 5.—The Ambulance Drivers when transporting patients, shall not be allowed to smoke on their ambulances. They shall not be al-

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lowed to drive without a coat, excepting in summer time, when a regulation shirt is to be worn. They are not to stop their ambulances for any purpose whatsoever, except at the place their official services are required, nor shall they allow persons to ride in the ambulances, except by permission of a Dispensary Physician or the Superintendent of Ambulances.

RULE 6.—Disobedience of orders, being under the influence of liquor, or abuse of the horses or any city property under their charge, will be a sufficient cause for the discharge of any of the Ambulance Drivers.

RULE 7.—They shall transport all seriously wounded persons, acute poisoning cases, sunstroke cases, and all persons in a helpless condition from disease directly to the City Hospital. All other cases they shall transport to the City Dispensary.

GENERAL RULES.

RULE 1.—No card playing or drinking is to be allowed on any of the premises connected with the City Dispensary and its branches.

RULE 2.—All persons applying for admission to the Hospitals, or applying at the Dispensaries for medical treatment, must be treated kindly. No gruff language or profanity will be tolerated.

RULE 3.—Two or more Ambulance Drivers will be detailed for duty in the office, keeping the records and answering the telephones, but they are not to use the telephones except for official business, and they are not to be the means of conveying information to outside parties of transactions in the Dispensary, but they may furnish to the press, when newspaper men call in person, any information about accidents.

RULE 4.—The use of the telephones in the Dispensary must be confined to official business, but this does not exclude their occasional use by persons connected with the press or employes of the Health Department. Telephones have been placed in the Mortuary office for the convenience of the press. That office being closed at night and on Sundays, newspaper representatives shall have the use of the Dispensary telephones at these times.

RULE 5.—Persons not connected with the Dispensary must be kept out of the room assigned for the use of the Ambulance Drivers acting as Clerk and Telephone Operator.

RULE 6.—No one except the Physicians, Police Officers and Drivers of Ambulances shall be allowed in the operating room, subject, however, to the discretion and approval of the Assistant Physician on duty at the time.

RULE 7.—Each Ambulance Driver will be allowed two days off duty each month, and an annual vacation at the discretion of the Health Commissioner, not to exceed ten days.

RULE 8.—The Physicians and Ambulance Drivers on duty at night shall not sleep during the hours that they are in attendance at the Dispensary.

RULE 9.—No employe of the City Dispensary shall absent himself from duty without permission from the proper authority, and any employe of the City Dispensary absenting himself from duty without being able to give a satisfactory explanation shall be guilty of neglect of duty, and this shall be considered sufficient ground for dismissal from the service.

RULE 10.—No patient shall be sent to the Quarantine Hospital unless such patient has been first examined and passed upon by the Chief Dispensary Physician, or in his absence, by the First Assistant Physician.

RULE 11.—Where any person presents himself at any of the Dispensaries, who in the opinion of the Physicians has small-pox, such person must be isolated, and the case brought as soon as possible to the attention of the Chief Dispensary Physician.

RULE 12.—No physician connected with the City Dispensary or its Branches, shall, during the time he is on duty, attend to or prescribe for any private patient.

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RULE 13.—When it is necessary to disinfect the rooms or any part of the Observation Ward, the Chief Dispensary Physician shall make a request of the officer in charge of the Sanitary Division to have the work done.

RULE 14.—Any order given by the Health Commissioner to any officer or employe of the Dispensary must be obeyed.

RULE 15.—No change in the hours assigned to the Dispensary Physicians shall be entertained without the consent of the Chief Dispensary Physician, and no change in the hours of the Ambulance Drivers shall be entertained without the consent of the Superintendent of Ambulances.

RULE 16.—Where Ambulance Drivers are sent on a call and find a person badly injured, or very sick, they may allow a friend of such person, or a member of his family, to accompany the patient to the Dispensary or Hospital.

RULE 17.—Whenever an Ambulance Driver shall bring to the Dispensary or Hospital, a patient whom he has reason to believe has money or valuables on his person, he shall notify the officer in charge of the fact, so that an examination can be made and a note taken of the amount and character of the valuables found. The same rule will apply where persons are brought to the Dispensary by the Police in the Patrol Wagon.

DRUGGIST.

RULE 1.—The Druggist at the City Dispensary shall be on duty such hours as may be fixed by the Chief Dispensary Physician, with the approval of the Health Commissioner.

RULE 2.—He shall furnish no drugs of any kind, or any article whatever, to any person except on a prescription signed by the Chief Dispensary Physician, or one of the Assistant Dispensary Physicians, or the Health Commissioner.

RULE 3.—He shall keep a careful account of his supply of drugs, and in making his requisitions for supplies he shall furnish the estimated cost. He shall see that no one is allowed to enter or remain in the drug store, excepting such officers of the Health Department as may have business there.

RULE 4.—He shall not fill any prescriptions for any officer or employe of the City Dispensary or any branch of the Health Department, unless said prescription is approved by the Chief Dispensary Physician or Health Commissioner.

Approved.

JOS. L. HORNSBY,
WM. G. FRYE.

The following communication from the Assistant Health Commissioner was read, calling attention to the trouble experienced in enforcing the ordinance regulating the cutting of weeds, and stating that he desired instructions from the Health Commissioner before starting the work this summer.

The Health Commissioner submitted the matter to the Board for their opinion as to the best course to pursue. After a lengthy discussion of the matter, on motion, duly seconded, the communication was ordered referred to the Committee on Legislation and Rules, with the request that they report their recommendations to the Board. It was the opinion of the Board, however, that in the meantime the work of enforcing the provisions of the present ordinance should be carried on as far as possible, as in the past.

St. Louis, June 25, 1903.

Dr. John H. Simon,
Health Commissioner:

Dear Sir—The nuisance of weeds on public and private property is now being brought very forcibly to the attention of the Health Department and the citizens.

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This weed question gives the Health Department a great deal of trouble every summer, and before commencing any work in this direction I would like to have orders from you. That you may understand the matter I submit the following:

Section 608 of the Municipal Code makes it a misdemeanor for any person to allow or maintain on any lot of ground a growth of weeds to a height of over one foot.

Section 609 excludes from this provision, pieces of ground not laid out in blocks.

Section 610 provides that after the weeds are cut they must be removed.

Section 611 makes it the duty of the Police Officers to report lots on which weeds are found.

Section 612 makes it the duty of the Street Commissioner to remove weeds on public streets and alleys.

Reading these sections it would appear that the matter of having the weeds removed would be very simple, but it is not.

In the first place a survey of a block has to be made and the exact location of the lots on which there are weeds has to be fixed. Then the tax books have to be consulted in order to learn the owner. This work of itself requires a great deal of time, and can only be done by an officer who is familiar with it, but where it is found that weeds are on the property of a non-resident citizen, there is no process which the Health Department can make use of to have these weeds removed.

Where weeds are found on the property of citizens who are absent from the city during the summer months, the Health Department is powerless to do anything.

In addition to this the Street Department does not comply with the law.

Even where citizens reside here, who own lots on which there are weeds, it is difficult in many cases, to establish the ownership, and if the question is raised in court, the Health Department has no means of proving the ownership. It would be impossible in every case to bring in a certified copy of the record.

Then a great deal of real estate is held in the names of women. For instance, a piece of property may be found; it stands on the records in the name of Mary Brown. It is almost impossible to locate the owner of this property. Their names are not in the directory, and whether she is the wife of John Brown or Sam Brown, the Department has no means of knowing.

If the Department commences to carry out the ordinance in relation to weeds, it will take up the time of nearly all the Inspectors, and much more important work will be neglected and the weed nuisance will only be partially done away with.

The remedy is to have an amendment to the Charter (and the Health Department urged this very strongly two years ago) by which weed nuisances and other nuisances can be abated by special tax bills. The weeds should be cut by the city in the same manner as the sprinkling is done.

Citizens who have been compelled to cut their weeds, find weeds in an adjoining lot uncut, find the weeds on city property in front of their lots uncut by the Street Department, are reasonably very indignant, having been compelled to do what others do not do.

I think it would be well for the public to thoroughly understand this matter. I await your orders as to whether the office is to take up this weed question or not.

Respectfully,
CHARLES W. FRANCIS,
Assistant Health Commissioner.

On motion of Dr. Merrell, duly seconded, the City Chemist was directed to file with the Health Commissioner, for the signature of the Presiding Officer of the Board of Health, a requisition covering all expenditures incurred in his office in the future.

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Regular meeting, July 2, 1903: Ordered, after a hearing, that Margaret Norton and Julia Mathis be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Five cases laid over: Five cases condemned.

The following petition signed by residents in the neighborhood of Forest Park Boulevard, between Vandeventer avenue and Sarah street, complaining of a nuisance in that locality, was read. On motion, duly seconded, the petition was ordered forwarded to the Sanitary Division for investigation and report to the Board at its next meeting.

Honorable Board of Health,
City:

Gentlemen—We, the undersigned, residents living on Forest Park Boulevard, between Vandeventer avenue and Sarah street, desire to call your attention to a gross nuisance which is being committed by an Asphaltum Company on Duncan street between Vandeventer and Sarah street. This company begins work about 4 o'clock in the morning, continuing during the whole day, and from their plant such an enormous amount of dust and smoke is blown into the houses of your petitioners that we are compelled during the heat of the day to keep all doors and windows closed.

If you will make the investigation required for health of your citizens we are confident that you will at once coincide with us that sickness and contagion is bound to ensue if these people are permitted to continue their nefarious operations.

As citizens and taxpayers we believe that you owe this duty to us, and hope that you will take such immediate steps in the premises as is necessary to compel an abatement of this nuisance and a prevention of an unhealthful condition which is bound to arise in the event of delay in any action on your part.

Respectfully submitted,

(Signed) J. P. CENTRY, ET. AL.
3934 Forest Park Boulevard.

On motion of Dr. Merrell, duly seconded, the Chief Dispensary Physician was instructed to prepare and submit to the Board at its next meeting a blank form to be signed by relatives or friends of patients admitted to the Insane Asylum, where an agreement is made to compensate the City for their maintenance.

The Committee to whom were referred the revised form submitted by the City Chemist for making weekly reports of the work conducted in his office, returned some with their approval, and recommended that the requisitions calling for 10,000 blanks be approved. On motion, duly seconded, the report of the Committee was adopted.

Regular meeting, July 9, 1903: Ordered, after a hearing that Mrs. S. J. Guy and Mary S. McDonald be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Two cases laid over; four cases dismissed; six cases condemned.

The Mayor announced the following Committee on City Chemist's Office and Milk Inspection Division:

Dr. Merrell and Dr. Bond:

The blank form submitted by the Chief Dispensary Physician to be signed by relatives or friends of patients admitted to the Insane Asylum, where an agreement is made to compensate the City for patient's maintenance, was on motion, duly seconded, approved.

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The Board recommended that the Health Commissioner have printed a supply of circulars for distribution to householders, calling their attention to what is required of them under the provisions of the Ordinance to insure a proper collection of their garbage.

Regular meeting, July 16, 1903. Ordered, after a hearing, that Mary Davenport and Gittel Yoffie be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Two cases dismissed; eight cases condemned.

Regular meeting, July 23, 1903: Four cases dismissed; three cases laid over; nine cases condemned.

Regular meeting, July 30, 1903: Action in complaints of nuisance: Fourteen cases condemned; seven cases laid over.

Ordered, after a hearing, that August Jonas, Mary C. Hickey and Jan Zima be admitted as patients to the Insane Asylum.

Regular meeting, August 6, 1903: Action in complaints of nuisance: Fifteen cases laid over.

Regular meeting, August 10, 1903.

The Committee on Legislation and Rules, through Mr. Hornsby, its chairman, submitted the following recommendation, which was read at length by the Clerk.

July 23, 1903.

To the Honorable Board of Health,
City of St. Louis.

Your Committee on Legislation and Rules, to whom was referred the communication of the Assistant Health Commissioner of date June 25th, relative to the enforcement of the law regarding weed cutting, respectfully reports that as an aid in the solution of the question referred to the Committee, it has obtained the opinion of the City Counselor upon the legal phase of the question, which is herewith submitted.

Attention is called to the conclusion of this opinion, i. e., "that the weed cutting ordinances can probably be enforced as they stand and that therefore no new ordinances need be enacted and that a charter amendment is not necessary to accomplish the desired purpose." Without question the practical difficulties found in their enforcement and enumerated in the letter of the Assistant Health Commissioner to the Board of Health, your Committee respectfully submits that if the laws requiring the cutting of weeds are a legitimate use of City's police powers for the protection of public health, their enforcement to the limit of the funds available for the purpose, is clearly the duty of the Health Department regardless of the fact that results are not always satisfactory or that some violators of the law escape its penalties or that the City, through its Street Commissioner, probably on account of the expense, fails to have weeds removed from public streets or alleys when notified by the Health Commissioner of their existence.

We are of the opinion that a brief but clear presentation of the requirements of the weed ordinance printed in circular form and distributed to citizens through the co-operation of the police in connection with their duties as defined in Section 611 of the Municipal Code, will be an inexpensive method of making plain to lot owners their legal obligations, of appealing to their civic pride and securing their co-operation in a more uniform enforcement of the weed ordinances.

We therefore recommend the enforcement of the ordinances, so far as possible with available force and funds, and a carefully worded

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circular preliminary to any legal proceedings and that in their distribution the police be asked to co-operate with the Health Department.

(Signed) J. L. HORNSBY,
ALBERT MERRELL,
Committee on Legislation and Rules.

July 13, 1903.

Honorable Rolla Wells,
Mayor.

Dear Sir—I have the honor to acknowledge your communication of July 10, 1903, transmitting a request from the Hon. J. L. Hornsby, Chairman of the Committee on Legislation and Rules, from the Board of Health, for an opinion upon the question of law "whether the work of cutting weeds can be enforced under the existing ordinances, and if not whether an effective ordinance can be enacted, or whether a Charter amendment is necessary to accomplish the desired purpose."

In response to the above request, I beg to state:

The ordinances referred to are Sections 608 and 613 inclusive of the Municipal Code.

Section 608 makes it a misdemeanor punishable by fine for any owner, lessee or occupant, or any agent, servant, representative or employee of any such owner, lessee or occupant, having control of any lot of ground, or any part of any lot, to allow or maintain a growth of weeds of over one foot.

Section 609 excepts certain lots and districts of the city therefrom.

Section 610 provides for the removal after the cutting of weeds.

Section 611 makes it the duty of all police officers to watch for and report violations of the weed ordinances.

Section 612 provides that the word weeds shall "be held to include all rank vegetable growth which exhales unpleasant and noxious odors, and also high and rank vegetable growths that may conceal filthy deposits."

Section 613 makes it the duty of the Street Commissioner when properly notified to cause the removal of weeds on the public streets.

Express provisions of the Charter bearing upon the subject are not explicit.

Article III., Sec. 26, Subd. 6, confers power on the Mayor and Municipal Assembly, to "declare, prevent and abate nuisances on public or private property, and the causes thereof."

In the same subdivision authority is conferred "to secure the general health of the inhabitants by any measure necessary."

Subdivision 14 of the same Article and Section confers authority "to pass such ordinances not inconsistent with the Charter as may be expedient, in maintaining the health and welfare of the city."

The validity of the weed cutting ordinances, so far as they affect private property, must be sustained, if at all, as an exercise of the police power of the city.

These powers have always been recognized by our courts as existing in municipalities, particularly in this city.

This police power is, and must be from its very nature, incapable of any very exact definition or limitation.

It is one of the most important of municipal powers. Upon it depend the security of social order, the life, safety, comfort and health of the citizens.

Many of the powers exercised by municipalities fall within these police powers of the State, and delegated to them to be exercised for the public good.

Of this nature is the authority to suppress nuisances, preserve the public health, comfort and safety of the citizens, as well as many others of a similar character.

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Every citizen holds his property subject to the proper exercise of this power, either by the State Legislature directly or by public or municipal corporations to which the legislature has delegated it.

It is well settled that laws and regulations of this character, though they may disturb the enjoyment of individual rights, are not unconstitutional, though no provision is made for compensation for such disturbances. They do not appropriate private property for public use, but simply regulate its use and enjoyment by the owner. Dillon on Mumm. Corp. (4 ed.) sec. 141.

It is true that the law will not allow the right of property to be invaded under the guise of a police regulation for the preservation of health when it is manifest that such is not the object and purpose of the regulation. And a law of that character is not valid. Austin vs. Murray, 16 Pick. (Mass.) 126.

And it is also true that notwithstanding the broad terms in which the power is given to declare nuisances, it is not competent for the city to declare that to be a nuisance which is not so in fact.

St. Louis vs. Heitzeberg Packing Co., 141 Mo., 375, loc. cit., 383.

But nothing in the Constitution of the United States or of Missouri secures to any man the right to maintain a nuisance to the discomfort and peril of the health of his neighbor.

St. Louis vs. Fischer, 167 Mo., loc. cit., 664-665.

And our Supreme Court said that the tendency of modern development is in the direction of greater, rather than more restricted police power; this is necessarily so in order to meet the new dangers and increase of old dangers constantly accruing as practical incidents of advancing civilization and the growth of the city.

Westport vs. Mulholland, 159 Mo., loc. cit., 94, quoting from Supreme Court of Wisconsin.

Even in an early case (arising in Georgia) it was held that the City of Savannah might prohibit the growing of rice within the corporate limits as being injurious to the health of the city and abate the same, and that an ordinance to that effect was valid as a police regulation. Green vs. Savannah, 6 Ga., 1.

The St. Louis weed ordinances referred to have been, I understand, consistently upheld by the police courts of this city and the Court of Criminal Correction of this city as a health and police measure, although no case passing upon their validity in the appellate courts has come to my notice.

In one of the cases before the police court a former police judge (Judge Wislizenus) closely investigated the question and sustained the law in a written opinion, part of which may be found in the note to Section 608 of the Municipal Code, p. 552 thereof.

The question of validity of these ordinances is now pending in the Supreme Court of this State, in a case appealed from the Court of Criminal Correction, and will be probably set for hearing at the October term of the Supreme Court.

The questions involved are not free from doubt and it is of course impossible to predict what will be held by that court.

Upon the whole, however, and considering the principles involved, it seems to me that the validity of the ordinances in question should be sustained as a police regulation, and that the same cannot be sustained upon any other theory.

It does not seem to me that the passage of other ordinances upon the subject, or the passage of new charter amendments, would at this time subserve any useful purposes which are not already provided for by the ordinance in question.

And this, too, in view of the letter (accompanying the request for an opinion) written by the Assistant Health Commissioner to the Health Commissioner, complaining of the practical difficulties found in enforcing the ordinances. For it would be still more impractical and fraught with legal complication if other ordinances or charter provisions should be passed which would seek to lessen the difficulties to the Health

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Commissioner by impinging upon the observance of the rights and privileges of the citizens with respect to their private property in their control thereover.

I am therefore of opinion that the weed cutting ordinances referred to by the Honorable Chairman on Legislation and Rules of the Board of Health can probably be enforced as they stand, and that therefore no new ordinances need be enacted and that a charter amendment is not necessary to accomplish the desired purpose.

Respectfully,
WM. F. WOERNER,
Associate and Acting City Counselor.

Mr. Hornsby introduced the following resolution:

Resolved, That the Excelsior Hauling and Transfer Company, contractor for hauling and garbage, be required to furnish to the Board of Health before August 17th, a sworn statement of the number of men and teams employed by it in the hauling of the garbage under its contract with the city each day during the month of July, and

Resolved, That the Clerk of the Board of Health be ordered to serve a copy of this resolution on the Excelsior Hauling & Transfer Company.

On motion, duly seconded, the resolution was adopted.

Regular meeting, August 13, 1903: Ordered, after a hearing, that Agnes Maier and Marie Nethler be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Twelve cases dismissed; sixteen cases condemned.

Regular meeting, August 17, 1903: Ordered, after a hearing, that Mary Dachs be admitted as patient to the Insane Asylum.

The following opinion from the City Counselor regarding the boarding of horses employed in the City Chemist's division, was read and ordered filed, and the clerk was instructed to transmit a copy of the same to the City Chemist:

St. Louis, August 11, 1903.

Hon. Rolla Wells,
Mayor:

Dear Sir:—I have the honor to report the following opinion, in compliance with your request of the 8th inst., enclosing a letter from Hon. J. H. Simon, Health Commissioner, which is as follows:

"At a meeting of the Board of Health, held Tuesday, July 30th, a bill was presented from the City Chemist's office for the boarding of two horses. The bill was made out in favor of an employee of the City Chemist's office. The Board ordered the bill paid, as the work had been done, but directed that you be requested to ask the City Counselor's opinion as to the legality of an employee of the city contracting to do work for the city, or the office in which he is employed."

I judge from the above letter that the bill in this particular instance has been paid, but that the Board of Health desires an opinion for future use.

There is an expressed charter ordinance or statutory provision, so far as I can ascertain, bearing directly upon the question asked, so far as it refers to an employee of the city. Section 10 of article 4 of the charter, in effect, prohibits such contracts by an official, or such contracts in which an official of the city is interested, directly or indirectly. Section 2346 of the Revised Statutes of Missouri for 1899, is, perhaps, somewhat broader than the charter provisions, in providing that the city officer who shall be directly or indirectly interested in any contract under the city or any work done for the city, or furnishing any supplies to any insti-

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tution governed by the city, shall be guilty of a misdemeanor. That is to say, the word "officer" used here in the general statute, in my judgment may be construed to have a wider meaning than the word "official" as used in the charter, in the connection in which it is used.

The exact meaning of the word "officer" or "official" varies considerably with the context and surroundings. But it may be doubted whether either the charter or statute provisions above referred to, being in their nature penal, can be held to apply to an employee—by which word I understand is meant one in the employ of the city, but without the tenure or stability of employment which attaches to an office.

It is, however, a principle of common law that no one can be interested on both sides of a contract, and it is against the policy of the law to place one in a position where his interests will be contrary to his duty.

While, therefore, the expressions of the statutory and charter provisions do not seem to apply to a city employee, I am, nevertheless, of the opinion that an employee of the City Chemist's office cannot lawfully board the city horses used by that office, the bill for which board is charged against the appropriation set apart for that office.

Respectfully,

CHAS. W. BATES,
City Counselor.

The attorneys for the defendant in the case against Parker Washington Company, submitted a memorandum protesting against any final order or decision of the board.

The board here declared a recess and went into executive session.

The board re-convened and rendered the following verdict:

St. Louis, August 17, 1903.

In the matter of complaint lodged by Jacob Schaeffer, Dr. H. L. Wolfner, A. B. Green, C. B. Gerhart and others, citizens of the City of St. Louis, against the Parker Washington Company now operating a plant at Taylor and Duncan avenues for the preparation of an asphalt mixture used in the paving of streets, the Board of Health of the City of St Louis having heard ample testimony and having heard all the material facts in the case, renders the following decision:

As operated at present the vapors evolved by the plant are offensive to the residents of the vicinity, impair the reasonable and comfortable enjoyment of their homes, are prejudicial to health, and, therefore, constitute a nuisance as defined by section 617 of the Municipal Code.

The Board of Health hereby declares the Parker Washington plant a nuisance and the Health Commissioner is hereby directed (under section 635 of the Municipal Code) to order the abatement, discontinuance or removal of said nuisance within such time as the Health Commissioner may deem reasonable.

(Signed) WM. G. FRYE,
ALBERT MERRELL, M. D.,
J. H. SIMON, M. D.

Pursuant to a resolution adopted by the board at its meeting held August 10th, requesting the Excelsior Hauling & Transfer Co. to submit a sworn statement of the number of men and teams employed by it in the hauling of garbage, Attorney Sim T. Price, representing the above named company, submitted the following report:

St. Louis, August 17, 1903.

Hon. Board of Health, Hon. Rolla Wells, Mayor and Presiding Officer.

Gentlemen:—The Excelsior Hauling & Transfer Company begs leave to acknowledge receipt of a communication addressed to said company by Frank A. J. Hiller, Clerk to the Board of Health and Health Commissioner, notifying the company that at a meeting of the Board of Health, held August 10th, 1903, the following resolution was adopted:

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Resolved, That the Excelsior Hauling & Transfer Company, contractor for hauling the garbage, be required to furnish to the Board of Health before August 17th, a sworn statement of the number of men and teams employed by it, in the hauling of the garbage under its contract with the city each day during the month of July.

In accordance with the above resolution the Excelsior Hauling & Transfer Company begs leave to submit the enclosed statement:

Respectfully,

EXCELSIOR HAULING & TRANSFER CO.,

(Signed) By ED. BUTLER, Vice President.

Statement of the Excelsior Hauling & Transfer Co., giving the number of teams and men employed in the month of July, 1903, in the work of removing garbage:

1903.	Number of Four-Horse Teams.	Number of Three-Horse Teams.	Number of Two-Horse Teams.	Number of One-Horse Teams.	Total Number of Extra Teams.	Number of Men.	Total Number Horses and Mules.
July 1st	1	5	61	5	62	82	285
July 2nd	1	5	61	5	62	82	285
July 3rd	1	5	61	5	62	82	285
July 4th	1	5	61	5	62	82	285
July 5th	1	5	61	5	62	82	285
July 6th	1	5	61	5	62	82	285
July 7th	1	5	61	5	62	82	285
July 8th	1	5	61	5	62	82	285
July 9th	1	5	61	5	62	82	285
July 10th	1	5	61	5	62	82	285
July 11th	1	5	61	5	62	82	285
July 12th	1	5	61	5	62	82	285
July 13th	1	6	62	5	60	84	285
July 14th	1	6	62	5	60	84	285
July 15th	1	6	62	5	60	84	285
July 16th	1	6	62	5	60	84	285
July 17th	1	6	62	5	60	84	285
July 18th	1	6	62	5	60	84	285
July 19th	1	6	62	5	60	84	285
July 20th	1	6	62	5	60	84	285
July 21st	1	6	62	5	60	84	285
July 22nd	1	7	63	5	57	86	285
July 23rd	1	7	63	5	57	86	285
July 24th	1	7	63	5	57	86	285
July 25th	1	7	63	5	57	86	285
July 26th	1	7	63	5	57	86	285
July 27th	1	7	63	5	57	86	285
July 28th	1	8	65	5	54	89	285
July 29th	1	8	66	5	53	90	285
July 30th	1	8	66	5	53	90	285
July 31st	1	8	66	5	53	90	285

Respectfully submitted,

EXCELSIOR HAULING & TRANSFER CO.

(Signed) By ED. BUTLER, Vice President.

Mr. Frye moved that a special meeting be called for the consideration of the garbage question, and that the Mayor and City Counselor be requested to attend the meeting. Motion seconded and carried.

Regular meeting, August 20th: Action in complaints of nuisance: One case dismissed; three cases condemned.

On motion, duly seconded, the following resolution was adopted:

Resolved, That the City Register be requested to furnish the Board of Health with six (6) copies of the contract between the City of St. Louis and the Excelsior Hauling & Transfer Company, for the removal

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of garbage, entered into July 14, 1898; same to be delivered not later than Monday, August 24, 1903, at the Health Commissioner's office. Also six (6) copies of ordinance 16,863, approved August, 1892.

Regular meeting August 27, 1903: Action in complaints of nuisance: One case laid over; three cases dismissed; eight cases condemned.

A communication from the Health Commissioner, Dr. John H. Simon, was read, recommending that a committee be appointed to examine into the condition of the idiotic and epileptic children at the Poor House, with a view to preparing a recommendation by the board to be sent to the Municipal Assembly requesting that an appropriation be made for a building, wherein said children can be properly cared for.

On motion of Mr. Frye, and duly seconded, the recommendation of the Health Commissioner was adopted and a committee, consisting of Mr. Frye and Dr. Merrell, was appointed to investigate the condition of the idiotic and epileptic children at the Poor House, and prepare a recommendation to the Municipal Assembly to make an appropriation to erect a building for the housing of said children.

The clerk read at length a summons served on Health Commissioner Dr. John H. Simon, summoning the Board of Health and Dr. John H. Simon, as Health Commissioner of the City of St. Louis, to certify to and bring before the honorable Circuit Court, in special term in Division No. 6, on the 11th day of September, 1903, at 10 o'clock A. M., the record of the proceedings touching the charge and decision against the Parker Washington Company, for the inspection of the court.

On motion, duly seconded, the clerk was ordered to transmit the summons to the City Counselor.

On motion, duly seconded, the clerk was ordered to address a communication to the Chief of Police and police captains of the several districts, for the purpose of making inquiry whether a record is kept of garbage complaints and to whom such reports are sent.

Regular meeting, September 3rd, 1903: Action in complaints of nuisance: Six cases dismissed; two cases condemned.

The following communication from the Health Commissioner, Dr. John H. Simon, was read to the board:

Hon. Board of Health, Hon. Rolla Wells, Mayor and Presiding Officer:
Gentlemen:—

The City Chemist's office is controlled by the Board of Health. The Board of Health directs what work the City Chemist shall perform. The force in the City Chemist's office is very limited, and a great deal of his time is taken up with the milk inspection department, over which he is also placed. There are frequent calls for the analyses of water and for the testing of different articles purchased for the Health Department.

The custom appears to have grown up for the Coroner to send over to the City Chemist's office and have examinations made of stomachs, etc. For instance, on August 21st. I received a communication from the Coroner forwarding to me a stomach and contents, portion of liver and kidney removed from a body at the Morgue, and asking that the City Chemist determine the presence of poison.

These examinations take up a good deal of time and if made by the City Chemist would probably necessitate his appearance before the courts to give his testimony.

In the appropriation bill for the different branches of the City Government, I find the appropriation made for the Coroner's office the following:

"For post-mortem examinations, chemical analyses, bacteriological investigations, five thousand dollars."

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As the Municipal Assembly provides the Coroner with a fund out of which these examinations can be made, I believe that the Board of Health should decline to order the City Chemist to make these analyses. The Coroner has the means at his command to have analyses made by outside chemists. It is my opinion that the work for this office should be done in that manner. It is evident that the Municipal Assembly intended that it should be so.

Respectfully,

(Signed) J. H. SIMON, M. D.,
Health Commissioner.

Dr. Merrell, Chairman of the committee appointed to inspect the conditions of epileptic and idiotic children at the Poor House, made the following report:

To the Honorable Board of Health,

Hon. Rolla Wells, Mayor and Presiding Officer.

Gentlemen—Your committee appointed to investigate and report on the condition of idiotic, mentally feeble and epileptic children at the St. Louis Poor House, respectfully sumbits the following:

We found some forty of these unfortunates "existing" under conditions which are shocking beyond description. Viewed simply from the standpoint of humanity, with a full recognition of the difficulties attending the problem, it is manifestly the duty of the community through its authorized agencies to do what is possible to ameliorate the mental and physical condition of these subjects of its care.

Most of the cases at the Poor House are profound idiots, helpless, speechless and disgusting. Others are a shade higher in type—usally classed as imbeciles; others again have some use of speech and give evidence of a slight degree of intelligence; still others, fortunately but few, are simply mentally, and in some cases morally, feeble.

These unfortunate beings range from young children to adult years. The most apparent manifest need is that all cases possessing power of speech and any degree of intelligence should be absolutely isolated from cases of profound idiocy, and that both these should be separated from contact with the large number of hopelessly insane, with whom they are now more or less associated.

Epileptics form a distinct class, and should be grouped and treated by themselves. At present there is no marked grouping of feeble minded inmates, based upon either age, mental or physical condition.

We recommend immediate separation into classes, after a careful examination; the preparation of a record giving history as full as can be had, together with a description of physical and moral condition of each case; the same to be used as a basis for care and treatment, with a view to accomplishing the most possible.

That the classification recommended shall be practically efficient, suitable buildings or building become a necessity. Such provision is so involved with the question of the appalling inadequacy of quarters for the great number of paupers and chronic insane at the Poor House that the two matters must be considered together.

The most imperative need is separation of paupers and insane; for the former a large tract of ground, with suitable buildings should be immediately provided, some of which should be specially constructed for the idiotic and mentally feeble. These two classes should be provided with employment adapted to their strength and intelligence, for which suitable acreage should be at once obtained.

With the separation accomplished, the present Poor House with requisite improvements will form a suitable hospital for the chronic insane.

The provision for paupers and the mentally weak we think so vital to the reforms required at the Poor House that we think the Municipal

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Assembly should be urged to expedite the matter by appropriate legislation looking to its early accomplishment.

Pending some such legislation to correct radical defects in the present care of the Poor House inmates, some temporary changes should at once be made in the interest of the feeble minded class.

After looking the matter over we recommend as follows:

Immediate removal of all children from any personal contact with the insane. Immediate classification as heretofore suggested; immediate separation of epileptics, and systematic treatment of the same; absolute and immediate separation of children with power of speech and limited intelligence.

We urge that the new hospital on the grounds be rushed to completion, that the patients be removed from the old hospital, and that the latter be cleansed, repaired and subdivided for the separate classes above named, and be used until an isolated portion or extension of the proposed new building on the Poor House grounds can be finished for their occupancy. We urge that in any future plans for removal of the paupers, provisions be made for a special permanent one-story building, or group of buildings, for the care of idiots and mentally feeble children.

We recommend that until such provision is made, none but low grade idiots shall be admitted to the city's care, and that in each case compensation shall be rendered according to the ability of friends to pay; that none under six years of age be received, and no one who shall not have resided six months in the city; that all cases graded above idiocy shall be referred to the State School, or to private schools, for feeble minded, and that as soon as they can be received by the State such cases now at the Poor House be sent to Marshall.

Respectfully submitted,

ALBERT MERRELL,
WM. G. FRYE,
Committee.

September 3, 1903.

On motion the report was adopted with the amendments that were applicable, the words, "Municipal Assembly," be inserted and that the Clerk be instructed to send a copy of the resolutions to each Branch of the Municipal Assembly.

Regular meeting, September 10, 1903: Ordered, after a hearing, that Lucy Matchett be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Nine cases dismissed: Two cases condemned.

Regular meeting, September 17, 1903: Ordered, after a hearing, that Chas. Suske and Addie Weldon be admitted as patients to the Insane Asylum.

The Assistant Health Commissioner, Mr. Francis, read an opinion from the City Counselor stating that both the service of the second notice issued by the Health Commissioner to the Parker-Washington Co., and the return made thereon, was not according to law, which made said notice powerless and of no effect.

Action in complaint of nuisance: Five cases dismissed: Six cases condemned.

The following resolution from the House of Delegates was read to the Board:

Be it Resolved, That the Health Commissioner and Board of Health be and are hereby requested to prepare, as promptly as possible, such ordinances as they may deem necessary to relieve at once the crowded

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condition of the city institutions, particularly the Poor House and City Hospital; and also to provide for such repairs at these institutions as are needed to put them in condition for the purposes for which they were intended.

On motion made and seconded the resolution was referred to the Committee on Legislation.

Dr. Merrell offered the following resolution:

Resolved, That the Board of Health request Hon. Hiram Phillips, President of the Board of Public Improvements, to submit to the Board of Health for their inspection the plans for the new building proposed to be erected at the Poor House, so that the Board of Health may make such suggestions as they deem advisable.

Regular meeting, September 24, 1903: Ordered, after a hearing, that Henry Kraft be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: One case laid over: Eleven cases dismissed: Fourteen cases condemned.

Plans from the Board of Public Improvements for the new buildings at the Poor House were submitted to the Board.

On motion, duly seconded, it was agreed that a committee, consisting of the Health Commissioner and the medical members of the Board of Health will meet at the Mayor's office on Tuesday, September 29, 1903, at 4 o'clock p. m., to consider the plans for the new buildings at the Poor House, and the President of the Board of Public Improvements is requested to send the architect who drew the plans for said buildings to this meeting, for the purpose of explaining same to the committee.

The following communication from the Health Commissioner was read:

St. Louis, September 22, 1903.

Honorable Board of Health,

Hon. Rolla Wells, Mayor and Presiding Officer.

Gentlemen—A lighting plant has been installed at the Insane Asylum. The ordinance appropriating money for the different departments for the present fiscal year provides that the dynamo tenders and coal passers connected with the lighting plant shall be paid out of the Asylum appropriation.

The Municipal Assembly have never fixed the salaries of dynamo tenders and coal passers, and I have, therefore, pursuant to Section 874, fixed the wages to be paid dynamo tenders at $65 and coal passers at $45. These salaries are to be enforced only temporarily and until the Municipal Assembly shall fix them otherwise. I ask your approval of my action.

Yours very respectfully,

(Signed) J. H. SIMON, M. D.,
Health Commissioner.

On motion, duly seconded, the action of the Health Commissioner regarding the dynamo tenders and coal passers was approved.

On motion, duly seconded, the Health Commissioner was requested to draw an ordinance fixing the salaries for dynamo tenders and coal passers, and submit the same to the Municipal Assembly.

Regular meeting, October 1, 1903: Ordered, after a hearing, that Andrew Mickelson be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: One case laid over: Nine cases dismissed: Eleven cases condemned.

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Regular meeting, October 15, 1903: Ordered, after a hearing, that James Y. Sloan be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Thirteen cases dismissed: Sixteen cases condemned.

Mr. Hornsby offered the following resolution, which, on motion, duly seconded, was adopted:

Resolved, That the Health Commissioner is hereby requested to submit all insane cases at the Emergency Hospital No. 2 to the Board of Health, to be passed upon by this body, for admission to the Insane Asylum.

On motion, duly seconded, Dr. H. Wheeler Bond was selected to represent the Board of Health at the American Public Health Convention, to be held at Washington, D. C.; his expenses to be allowed by the Board.

On motion, duly seconded, the City Bacteriologist, Mr. C. A. Snodgras, shall be notified that the Board of Health desires him to attend the convention of the American Public Health Association to be held at Washington, D. C.

Regular meeting, October 22, 1903: Ordered, after a hearing, that Sarah Kirschbaum, Nicholas D. Frick, Mary Ellen McCloskey, Otto Thiemach, Kate Weidla, Louis Fischer, Henry Tompkin and Wm. Henry Haggerty be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Eleven cases dismissed: Five cases condemned.

On motion, duly seconded, the following resolution was adopted:

Resolved, That the Health Commissioner be requested to notify the physicians at the Emergency Hospital No. 2 that in forwarding certificates of insanity for insane persons confined at the hospital all affidavits which appear in the blanks should be filled out by the friends or relatives of insane persons, and in case no one can be found to sign this affidavit, report must be furnished stating what efforts have been made to find their relatives or friends.

The following communication of the City Chemist was received and read to the Board:

St. Louis, October 22, 1903.

To the Honorable Board of Health,
Hon. Rolla Wells, Mayor and Presiding Officer.

Gentlemen—I enclose a copy of an opinion on the validity of sections 17, 18, 19 and 22 of the milk ordinance. Judge Tracy, the author of this opinion, has asked me to have the same printed, as he has had a great many requests for copies of the same and has no fund to defray the expense of printing it. I think that this opinion will be of value to this office in taking our cases to the higher courts, and ask that you authorize me to have 100 copies of the same printed. The maximum cost of this work will be $17.60.

Respectfully,
WALTER BERNAYS,
City Chemist.

On motion, duly seconded, the Board granted the request of the City Chemist and ordered that one hundred copies of the decision of Judge Tracy in the case of "City of St. Louis, Plaintiff, vs. Ewald Kellman et al., Defendant," be printed.

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Regular meeting, October 29, 1903: Ordered, after a hearing, that Sam Uster be admitted as a patient of the Insane Asylum.

Action in complaints of nuisance: Seven cases dismissed: Four cases condemned.

The following communication from the Health Commissioner regarding the appointment of a notary public for the Health Department was read to the board:

St. Louis, October 28, 1903.

Honorable Board of Health,

Hon. Rolla Wells, Mayor and Presiding Officer.

Gentlemen:—At the last meeting of the board, in discussing the insane cases received from the Emergency Hospital, it was suggested that it would be advisable to have the clerk at the hospital a notary public, and it was also suggested that blank forms be prepared for these particular cases.

I have given the matter considerable thought and have arrived at the conclusion that it would be more satisfactory if the clerk of the Board of Health and Commissioner were commissioned a notary public, and I have addressed a communication to Hon. Rolla Wells, Mayor, asking the opinion of the City Counselor in relation to it. When I receive this opinion I will take this matter up again with the board.

Yours very respectfully,

J. H. SIMON, M. D.,
Health Commissioner.

The following resolution was offered by Dr. Merrell:

Resolved, That it is the sense of the Board of Health that the existing contract and ordinance for the collection of garbage be enforced, and that the Health Commissioner be requested to submit plans to the Board of Health for the details of their enforcement.

Regular meeting November 5th, 1903: Ordered, after a hearing, that Orlean McCasen, Thomas Mansfield, Emma McGlynn, Mary Voger, Fred Hunsick, James McGuire, John Murphy, Alexander Fyfe and Pat Corbett be admitted as patients to the Insane Asylum.

Action in complaints of nuisances: Twelve cases laid over: Three cases dismissed: Ten cases condemned.

Regular meeting November 12th, 1903: Ordered after a hearing, that Sarah Foley, Arthur Flannigan, Charles Davis, Alma Craig, Dora Goldstein, Clara Lane, Anna Bollinger, Mary Kett and Wm. Hinton be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Twenty cases dismissed: Nine cases condemned.

The Assistant Health Commissioner submitted the following correspondence between the Health Department and the Street Commissioner in relation to an abandoned sewer pipe on Morgan street near Pendleton avenue, which was read to the board: On motion, duly seconded, the board ordered that a transcript be made of the correspondence and sent to the Comptroller with the request that he inform the board whether the necessary funds can be obtained to lay the sewer pipe.

St. Louis, November 12, 1903.

Dr. John H. Simon, Health Commissioner.

My Dear Sir:—At the meeting held by the Board of Health on October 1st the board condemned as a nuisance an old, abandoned sewer pipe on the south side of Morgan street, between Pendleton and Newstead avenues. It was condemned against Charles Varrelmann, Street Commis-

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sioner. The order was sent to Mr. Varrelmann and he returned the order and sent a copy of an opinion of the City Counselor which it appears he obtained nearly two months previous.

Previous to the time he obtained this opinion from the City Counselor, the Health Department had called on the Street Department to take some steps towards remedying the nuisance and damage to property holders caused by this pipe.

The Street Commissioner did not inform me that he had received this opinion, took no notice of my communication, and only forwarded it when the matter had been taken up by the Board of Health. After Mr. Varrelmann sent me this opinion, I wrote him a letter asking him to give his opinion as to the best means of abating this nuisance. He answered (his answer is herewith enclosed), stating that it was a matter that he thought the Sewer Department could answer better than he could. I then wrote to the Sewer Commissioner and requested his advice regarding the abatement of the nuisance, and on November 5th he responded by stating that, in order to properly do away with the nuisance, there would have to be about three hundred (300) feet of 12-inch pipe laid, and that the cost would be about $200.00.

I am of the opinion that if something is not done to remedy this nuisance that the property holders will bring suit against the city. I am also of the opinion that had the Street Commissioner made a thorough examination of the conditions that existed, he would have found that this old drain pipe, if allowed to remain as it is, will damage the street. The water can be found any time by going down about three feet on the south side of the street; however, the City Counselor has passed on the matter and it appears to be left to the Health Department to remedy the nuisance if the money can be obtained.

I recommend that the Board of Health request the Comptroller to authorize this work to be done and to designate out of what fund it should be paid for. My impression is that it will probably cost about fifty dollars more than the Sewer Commissioner has estimated.

A copy of the opinion of the City Counselor is herewith enclosed.

Respectfully,

CHARLES W. FRANCIS,
Assistant Health Commissioner.

October 9, 1903.

Hon. Chas. W. Francis, Assistant Health Commissioner.

Dear Sir:—In answer to yours of the 7th inst., concerning an old drain pipe on the south side of Morgan street between Pendleton and Newstead avenues, I have the honor to enclose herewith a copy of an opinion from Hon. Chas. W. Bates, City Counselor, on the aforesaid matter.

The Street Commissioner has charge of the streets of the city and not of underground sewer-pipes, and I, therefore, cannot see what this department has to do with the matter.

Respectfully,

CHAS. VARRELMANN,
Street Commissioner.

St. Louis, August 11, 1903.

Hon. Rolla Wells, Mayor.

Dear Sir:—I have the honor to acknowledge receipt of your favor of the 8th inst., enclosing letter from Sewer Commissioner, and also a petition of certain residents of Morgan street near Pendleton avenue, in which a complaint is made of an old, abandoned private sewer.

The facts as gathered from the above mentioned papers are, that some twenty years ago this sewer was built by private parties, without any permit from the city, and, hence, has always been a private sewer. It is situated under the street or sidewalk, and has been broken in various places; is not used now by the parties who complain, or opposite whose

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property it is situated, or by any one else; the city sewers in this neighborhood having been constructed, this old, private sewer is not only useless, but, according to the statements contained in said papers, constitutes a nuisance detrimental to the health of the neighborhood, particularly those living adjacent to it.

I do not think the Sewer Commissioner has any charge or control over the matter, as it is not a city sewer, and the only question being one abating the nuisance of the disused sewer; nor would it seem that the Street Commissioner has an authority, unless the sewer is a menace to the safety of the highway, as to which I am not informed.

It is a matter, however, **within the jurisdiction of the Board of Health**; and if said board should take the matter up and upon investigation find that it is a nuisance, same could be filled in, or proper steps taken for abating the nuisance **under its orders.**

From the situation detailed above, I am of the opinion that the cost cannot be charged against the adjoining property, as it does not appear from the facts before me that the owners or occupants of said property either erected the nuisance or maintained it, consequently the abatement of it would have to be, under this theory, at the cost of the city. And if the facts are true as stated, the city could well afford to expend in the abatement of this nuisance a sum which would probably be much less than it would cost the city in case the street should be damaged by reason of the maintenance of the nuisance, and some one be injured by using the street; or in defending damage suits which might be brought against the city by the residents of that district; though it would seem that the city is not liable in such suits.

I herewith enclose the documents above referred to.

Respectfully,

CHAS. W. BATES,
City Counselor.

October 12, 1903.

Hon. Charles W. Francis,
Assistant Health Commissioner.

Dear Sir:—In answer to yours of the 10th inst. requesting estimate of cost for laying service pipe on Morgan street and asking my suggestions in said matter, would say I will cheerfully give you all the information in regard to same that I can impart, but the Sewer Department is in a much better position to make the aforesaid estimate as well as to judge whether or not the laying of the aforesaid pipe is feasible and as to how it will affect their sewer system in this vicinity.

I would therefore advise that you communicate with the Honorable Sewer Commissioner on this subject.

Respectfully,

CHARLES VARRELMANN,
Street Commissioner.

St. Louis, November 5, 1903.

Hon. Charles W. Francis,
Assistant Health Commissioner.

Dear Sir:—In regard to the troublesome private sewer in Morgan street west of Pendleton avenue. I think your suggestion is very good,—that a new 12-inch pipe sewer be laid in Morgan street from the city's sewer in Pendleton avenue westwardly about 300 feet to intercept the old private drain where the old private drain leaves the private property on the south side of Morgan street.

This department has no money to pay for this work, and under a recent decision of the Honorable City Counselor this department has no jurisdiction in the matter of abating the existing nuisance or paying the cost of having same abated.

If the Honorable Board of Health will provide the money for constructing about 300 feet of 12-inch pipe sewer, about $200.00, this depart-

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ment will have the work done; the cost of engineering and inspection will be done by this department.

Very respectfully,

F. W. VALLIANT,
Sewer Commissioner.

The Committee on Legislation and Rules made the following report, which was read to the board. On motion, duly seconded, the report of the committee was adopted and the clerk was instructed to forward a copy of same to the Honorable House of Delegates.

October 15, 1903.

To the Honorable Board of Health.

Sirs:—Your Committee on Legislation, to whom was referred the resolution of the House of Delegates requesting your body to prepare ordinances to relieve the crowded conditions of the city institutions, respectfully report that almost immediately after the passage of this resolution by the House of Delegates it passed appropriation bills providing for the expenditure of large sums of money for the relief of the conditions at the Poor House, and for the completion of the new City Hospital.

Your committee therefore respectfully recommends that in view of this subsequent action of the House of Delegates the recommendation contained in its resolution became virtually useless and unnecessary, and your committee therefore reports that in its opinion the expenditures of these appropriations already made by the Municipal Assembly will substantially accomplish the purposes aimed at by the House of Delegates in its resolution, and your committee is of the opinion that no further action need be taken by this board in response to said resolution.

Respectfully submitted,

J. L. HORNSBY,
ALBERT MERRELL,
Committee.

The following communication from the Health Commissioner was read and ordered filed:

St. Louis, November 9, 1903.

Honorable Board of Health, Hon. Rolla Wells, Mayor and Presiding Officer.

Gentlemen:—I received a communication from Hon. Rolla Wells, Mayor, transmitting an opinion of the City Counselor in relation to the appointment of the Clerk to Board of Health and Commissioner as notary public. The City Counselor states that there is no objection to this being done.

In my communication to the Mayor I also requested an opinion as to whether, if the Clerk was appointed a Notary Public, the Board of Health could order the administration of oaths to witnesses who appear before the Board in cases that come up for action of the Board. The City Counselor replies that there is no authority for the Board to order these witnesses to be placed under oath. However, in order to facilitate the matter of admissions to the Insane Asylum, I will apply to the Governor of the State for a commission as Notary Public for Mr. Hiller.

Very respectfully,

J. H. SIMON, M. D.,
Health Commissioner.

Regular meeting, November 19, 1903: Ordered, after a hearing, that Charles Bender, James Russell and Anna Story be admitted as patients to the Insane Asylum.

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Action in complaints of nuisance: Two cases dismissed: One case condemned.

The following communication received by the Assistant Health Commissioner from the City Comptroller was read to the Board:

St. Louis, November 18, 1903.

Chas. W. Francis, Esq.,

Assistant Health Commissioner.

Dear Sir—In reply to a letter of the 16th inst., from Frank A. J. Hiller, Clerk of the Board of Health, in relation to abating the nuisance caused by an abandoned sewer pipe on Mongan street, near Pendleton avenue, on which action was taken by the Board of Health on the 12th inst., will state that after communicating by letter with and conferring with Mr. F. W. Valliant, Sewer Commissioner, it has been arranged to have the work done by the Sewer Department in the manner suggested in Mr. Valliant's letter to you on the 5th inst.

Very truly yours,

JAMES Y. PLAYER,

Comptroller.

Regular meeting, November 30, 1903: Ordered, after a hearing, that Archibald Jos. Campbell, Louis Smith, Dora Rieke, Wendelin Fauth, Robert Henderson and Patrick Henry Montague be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Eleven cases dismissed: Two cases laid over: Ten cases condemned.

Dr. H. Wheeler Bond submitted his report on the Convention of the American Public Health Association, which was read at length by the Clerk. On motion, duly seconded, the report was ordered to be embodied in the minutes of the Board and to be printed in the annual report of the Health Department.

St. Louis, December 3, 1903.

To the Honorable Board of Health,

Hon. Rolla Wells, Mayor and Presiding Officer:

Gentlemen—In compliance with the action of your Honorable Body designating me to represent you at the meeting of the American Public Health Association, held at Washington, D. C., October 26th to 30th, inclusive, it is my pleasure to report that I was present at each of the five daily sessions and to submit the following observations.

The accompanying program indicates the scope and character of the subjects discussed by the Association and the importance of the information elicited from the experiences of the essayists in its bearing on the subjects of practical sanitation and public health.

Much valuable discussion was also indulged in by members of the Association apart from the stated sessions and many points of interest satisfactorily treated.

The subjects that attracted my attention as being of greatest interest with relation to the conditions existing in the City of St. Louis at the present time were: The Purification of Water Supplies of Large Cities, the Preservation of Milk, the Disposal of Garbage, and Sanitary Disinfection.

It was generally held by experts on water analysis that it is at first necessary to use a coagulant in the case of waters that are turbid and polluted with land washings, and later to employ the use of a good mechanical filter, in order to obtain a clear and wholesome article.

Alum was the chief coagulant advocated and was advised to be used in settling basins where its cost does not make its employment prohibitive. The chemical action of alum in clarifying water is briefly as follows:

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"The alkali or alkaline carbonates contained in the water decompose the alum into aluminum, sulphuric acid and water. The aluminum is then precipitated as insoluble hydrate and the sulphuric acid is bound by the alkaline earths, forming sulphates."

Many bacteria are also removed from the water by being carried to the bottom and bound there by the precipitating mass.

If the water now be drawn off and passed through a filter, the bacterial count will be still further reduced, and a clear and practically pure water will result.

There is nothing new in this method of treating water, but it serves the purpose of showing that the scientists have discovered no better methods to date, and how absurd is the sentiment of the public generally in its cry against the use of coagulants.

The reports on "preservatives in milk" were especially gratifying to your representative, as they proved to be in direct support of the requirements of the milk ordinance now in force in this city. Low temperature was universally championed as the most effective agent prohibitive to the development and increase of bacteria of all kinds, both of the pathogenic variety and the so-called normal habitate of milk.

Formaldehyde had its supporters, but even they conceded cold the first place as a preservative. In small and apparently harmless quantities, formaldehyde does inhibit the growth and multiplication of tubercle and typhoid bacilli, but has little effect on the normal habitate. In order to prevent the rapid increase of the latter organisms this agent must be employed in such increased quantities that a harmful action upon the human economy is generally conceded.

It may be well to remark that, by scrupulous cleanliness of the cow, and especially of the udder and teats, and by sterilization of the receptacle and the hands of the milker, it has been conclusively demonstrated that milk may be obtained that is absolutely free from bacteria.

The report of the Committee on Disposal of Garbage had nothing final to present, stating that the subject was still in the experimental stage, and showing no progress within the last six years. It being a fact that every community possesses conditions peculiar to itself, both in the character of its garbage and the topography of its natural surroundings, it has so far seemed advisable from the standpoint of economy for each city to dispose of its garbage by a method most adaptable to those conditions.

This problem was shown to properly belong to the engineering department, where it should find its correct solution.

Garbage collection should be daily in warm weather and every second day in winter months. The character of the vehicles in which the collections are made, as well as the character of the plants where it reaches its final disposition, should be determined by the character of the garbage. If the garbage be dry and mixed with combustible waste, dust-tight covered carts are efficient in its transportation to the incinerator, the latter being approved as the proper method of its final treatment. If the garbage be pure and moist, separated from waste, and of a proper composition for reduction into oils and fertilizer, water-tight covered metallic boxes are favoraed for hauling. Iron wagon bodies are both durable and easily cleansed.

The reduction plant is advised for this class of garbage because the by-products extracted in these plants have proven a source of considerable revenue. It is said that New York realizes sufficient revenue from its oils alone to almost pay for the hauling.

Both incinerators and reduction plants are advised to be removed from the city limits in order to avoid the nuisances of foul odors and smoke, and to prevent the spread of infection by flies and insects feeding upon the decomposing matter.

For sanitary disinfection and formaldehyde and sulphur are still the chief agents in use, although hydrocyanic acid gas was given extensive consideration by the speakers. This gas has been shown to be the most efficient and rapidly acting agent so far employed and is used

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for the same class of disinfection that sulphur is, that is, for the destruction of vermin, insects, etc. It possesses an advantage over sulphur in the rapidity of its action and its harmless effects upon fabrics. It is, however, a dangerous agent, as it is highly destructive to human life and great care must be exercised in excluding persons from the premises in which it is being used and until ventilation has been completed.

Formaldehyde still holds first place in bacterial disinfection and it is claimed to possess sufficient power over all infectious bacteria, with the exception of tubercle bacilli. It is said to possess but limited value against this organism, and probably because the latter usually occupies inaccessible positions in gobs of sputum and bulky crusts. As a preservative of milk we find the reverse report.

It is a significant fact that the gentlemen who entered into the discussion of the subject of disinfection were unanimously of the opinion that the liberal use of soap and water and the scrubbing brush, where they can be used, followed by washing with 5 per cent solutions of carbolic acid, is by far the best and most reliable method of disinfection. The total absence of any reference to proprietary disinfectants is also a fact of some significance.

Your representative was not a little disappointed to find that not a single city west of the Mississippi river was making any effort whatsoever to enter into and do its share of the experimental and scientific work being conducted by this Association in the interest of public sanitation. The municipal laboratories of all the Eastern cities are doing splendid work, and their scientific reports represent almost the total work done by the public laboratories of the whole United States. It would seem high time that the great and growing cities of the West and Middle West should have an eye to the development of their municipal laboratories and to see that they are well equipped and kept in a condition favorable to experimental as well as practical work, in order that they may be able to contribute and may be required to contribute their quota to scientific progress along with those that are bearing their burden at the present time.

In conclusion, it is with gratification that I am able to state that your Bacteriologist, Mr. Snodgras, was appointed on the committee from the bacteriological section to engage in an experimental investigation of formaldehyde, a report of which is to be made at the next annual meeting of the Association. Your representative also enjoys the distinction of having been elected a member of the Advisory Council of the Association.

(Signed) H. WHEELER BOND,
Member of the Board of Health.

Regular meeting of the Board, December 7, 1903.

On motion, duly seconded, the Board ordered that the primary separation of garbage be enforced and the householder be held to comply with the laws relating to garbage.

Regular meeting, December 10, 1903: Ordered, after a hearing, that August Repp, Gustave Adolph Shapelor, William Hays, John Volp, Herman Frederick Boerckmann, Thomas McGovern, Francis Mitchell, Theresa Cella and John Kennedy were admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Five cases dismissed: Five cases condemned.

Regular meeting, December 17, 1903: Ordered, after a hearing, that Mary Ann Brooke, Fritz Young, Patrick Joseph Laughlin, Jos. Altnether, Charles Gemsch, Mary Knebilesviski, Alfred Schmidt and John Kennedy be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Four cases laid over: Five cases dismissed: Seven cases were condemned.

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Regular meeting, December 28, 1903: Ordered, after a hearing, that James Ruane, Lollie Volland, Wm. Henning and Maria Johnson be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: One case dismissed. Eleven cases condemned.

The Health Commissioner presented to the Board the following opinion from the City Counselor with an uncertified voucher for the Excelsior Hauling and Transfer Co., the Health Commissioner basing his refusal to sign the voucher on the opinion of the City Counselor.

December 24, 1903.

Honorable Rolla Wells, Mayor:

Dear Sir—I have the honor to acknowledge receipt of your communication of December 23rd, enclosing a request under date of December 21st, of Hon. J. H. Simon, Health Commissioner, for my opinion whether he can lawfully certify to vouchers for payments from the City Treasurer in favor of the Excelsior Hauling and Transfer Company and St. Louis Sanitary Company, under contracts made with said respective companies by the City of St. Louis for hauling garbage and for sanitary disposal thereof.

I am of the opinion that both of said contracts are illegal and void, and that it is not lawful for the Health Commissioner to certify to vouchers for either of said companies. Respectfully,

CHARLES W. BATES,
City Counselor.

On motion, duly seconded, the Board refused to sign the voucher of the Excelsior Hauling and Transfer Company for the hauling of garbage during the month of December, 1903.

Regular meeting, January 4, 1904: Ordered, after a hearing, that John Heidemann, August Goeddel, Rose Hosey, Henry Williams, Sarah Harris, M. D. Sprott and Rose Saettele be admitted as patients in the Insane Asylum.

On motion, duly seconded, the Board ordered that the City Chemist and Bacteriologist be requested to make monthly reports to the Board of Health of their investigation of the varying conditions of the water supply, the samples to be taken at the intake tower and from the tap; and to state, by comparison with the report of the previous month, the difference in the conditions of the water.

On motion, duly seconded, the Health Commissioner was requested to prepare an amendment to the pending bill for the increase of salaries of the officers and employes of the Health Department and City Institutions, providing for two assistants to the City Bacteriologist.

Regular meeting, January 7, 1904: Ordered, after a hearing, that Marie Janffer, Wm. Henry Linnenbringer and Susie Petrovis be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: One case laid over: Five cases dismissed: Four cases condemned.

A communication from the City Bacteriologist to the Health Commissioner pertaining to the necessity of securing two Assistant Bacteriologists was read to the Board. By unanimous consent, the Board agreed to lay the matter over until the ordinance providing for two Assistant Bacteriologists has been passed by the Municipal Assembly.

Regular meeting, January 14, 1904: Ordered, after a hearing, that Chas. W. Tiernan, John T. McDermott, Bruno Pfeiffer, Otto Widmann, Jr., and Daisy Spencer be admitted as patients to the Insane Asylum.

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Action in complaints of nuisance: One case laid over: Seven cases condemned.

Regular meeting, January 21, 1904: Ordered, after a hearing, that Emma Moninger, Jessie Harris, Emil Krouse, Bridget McMahon, John Martin Kleiner and Joseph Schaeffer be admitted as patients to the Insane Asylum.

Regular meeting, January 28, 1904: Ordered, after a hearing, that Morris Wladiniski, Rose Stanton, Chas. Altag, John Burkland, Margaret Sahm, Lillian M. Rafferty, Harry Wilson, Benj. Brissmann, Anna (Gannon) Woodlock and Jos. Thal be admitted as patients to the Insane Asylum.

The following letter from the Mayor, submitting the appointment of Dr. H. S. Atkins to be Superintendent of the Insane Asylum, was read to the Board:

January 28, 1904.

To the Honorable Board of Health,
St. Louis, Mo.;

Gentlemen—I have the honor to submit for your approval the appointment of Dr. H. S. Atkins, to be Superintendent of the Insane Asylum, to take effect February 1, 1904, vice Dr. E. C. Runge, resigned. Said appointment having been presented to the Honorable City Council under date of January 22, 1904, and duly approved.

Very truly,
ROLLA WELLS,
Mayor.

Action in complaints of nuisance: Six cases dismissed: Six cases laid over: Three cases condemned.

Regular meeting, February 4, 1904: Ordered, after a hearing, that Henry A. Abelin be admitted as a patient to the Insane Asylum.

Action in complaints of nuisance: Twelve cases laid over: Three cases dismissed: Two cases condemned.

The following communication, written by the Assistant Health Commissioner relative to his correspondence with the Sewer Commissioner, also letter in response thereto from the Sewer Commissioner, were read to the Board.

St. Louis, February 2, 1904.

Dr. John H. Simon,
Health Commissioner:

Dear Sir—At the last meeting of the Board of Health you instructed me to communicate with the Sewer Commissioner in regard to the connections to be made with houses by contractors while laying new sewers.

I took up the whole matter with the Sewer Commissioner, explaining to him the unsanitary conditions that were created by the cutting off of sewer connections when building new sewers and asking him if he could recommend any remedy; also asking to take steps to as far as possible remedy the matter complained of.

I herewith forward for your information his report to me on the subject.

Respectfully,
CHARLES W. FRANCIS,
Assistant Health Commissioner.

St. Louis, February 1, 1904.

Hon. Charles W. Francis,
Assistant Health Commissioner, Old City Hall, St. Louis, Mo.:

Dear Sir—The sewer contractor has to maintain all flow of water in pipes or drains encountered during the construction of public and district sewers. After the contractor has provided a sewer that the water may flow into his duty ceases, and it is the duty of the property owner to have his property connected up with the new sewer. Before he can do so, however, he will have to comply with the ordinances before a permit will be issued. The contractor is instructed by this department

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to notify everyone in the district that his duty ceases after a reasonable time is given for property holders to connect up, and every contractor has endeavored to do so, for at the same time he makes a proposition to the owner to do the work for him. If anyone has not been notified it is a mistake not intended. The most of the cases I have investigated I find that the notices have been sent and received, but the property owner has paid no attention to it. In the Blackstone avenue Sewer District No. 1, every one has been notified months ago.

The above has been the practice for years, and which I am following.

In the Blackstone avenue Sewer District No. 1 our Circuit Court has issued a temporary restraining order preventing the contractor from interfering with a connection in any way. If this restraining order is made permanent it will invalidate a number of ordinances we are operating under, but until the Court so rules on them, I will continue to have them enforced.

The property owner has a right, after he has secured a permit under the ordinances, to make a connection to the sewer without the consent of the contractor, but he must secure the services of a licensed plumber or drainlayer to do the work for him. Respectfully,

F. W. VALLIANT,
Sewer Commissioner.

On motion, duly seconded, the Clerk was instructed to address a communication to the City Chemist and Bacteriologist and request them to make monthly reports of the analyses of river water; which reports were requested by the Board at its meeting held on January 4, 1904.

Regular meeting, February 11, 1904: Ordered, after a hearing, that Sam Johnson, Wm. Patterson, Gussie Eickerman, Elnora Blanke, Herman Goerner, Henry W. Knott and John Henry Mayfield be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Twelve cases dismissed: Four cases condemned.

Regular meeting February 18, 1904: Ordered, after a hearing, that Mrs. Mary Appel, Eugene Miller and Edgar G. Brisbois be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Sixteen cases dismissed: Seven cases condemned.

A scientific article was submitted by the City Bacteriologist to the Board of Health asking permission to have the same published in a journal. On motion, duly seconded, the article was referred to Dr. Bond with the direction that, if it meets with his approval, permission to publish same be granted.

Regular meeting, February 25, 1904: Ordered, after a hearing, that Susana Martin, Mamie Devoto, Regina M. Keenemann, Mary Magilligan Morris, Geo. Thompson, Sebastian Hartlieb and Delia Lynch be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: One case laid over: One case dismissed: Seven cases condemned.

A communication from the Superintendent of the Insane Asylum, accompanying a letter from Eleanor Boutelle of East Boston, Mass., concerning John D. McInnes, an inmate of the Insane Asylum, was read to the board. On motion, duly seconded, it was recommended that the Health Commissioner take steps to have the superintendent communicate with the superintendent of the Westboro, Mass., asylum and ascertain whether said John D. McInnis, if sent there, will be received; it was further recommended that the Superintendent of the Insane Asylum submit a report to the Health Commissioner on the mental condition of said inmate.

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Regular meeting, March 3, 1904: Ordered, after a hearing, that Eliz. Kirkpatrick, Henry Evers, Josephine O'Brien, Michael Braun and Adeline Ortt be admitted as patients to the Insane Asylum.

On motion, duly seconded, the board recommended that Dr. Bond act as a committee of one to confer with the City Bacteriologist and City Chemist regarding the time, frequency and number of samples of water taken from the river for examination.

Regular meeting, March 10, 1904: Ordered, after a hearing, that Anna Snyder, Fred Douglass, Rose Friedle, Matilda Dolder, Dominic McKebitt and John Oswald be admitted as patients of the Insane Asylum.

Action in complaints of nuisance: Six cases dismissed: One case condemned.

A communication from Geo. S. Adams, Superintendent of the Insane Asylum of Westboro, Mass., stating that he was willing to receive John McGinnis, an escaped inmate of said asylum, if he was sent there by the authorities of St. Louis, was read to the board.

The following report from Dr. H. Wheeler Bond, a committee of one to confer with the City Bacteriologist concerning the examination of river water, was read to the board and ordered filed:

March 9, 1904.

Hon. Board of Health,

Hon. Rolla Wells, Mayor and Presiding Officer.

Gentlemen:—Your committee of one appointed to confer with the City Bacteriologist and City Chemist with regard to the proposed bacteriological work to be done on the public water supply, has, after carefully considering the subject in conference, the following to report:

I enclose herewith sections from Harrington's work on the subject, which is considered authoritative, and which shows the hopelessness as well as the impracticability of an attempt to make qualitative bacteriological examinations of water taken from sources of large supply.

Qualitative examinations, therefore, having proven of questionable value, and entailing great expenditures of time and labor, I believe it inadvisable to instruct the bacteriologist to undertake that branch of the work.

It is, however, a matter of practical importance to you and the public at large to know the weekly total bacterial count in water taken from the distributing basin, from the last settling basin and from the city hydrants in order to show to what extent bacteria are removed from the water in passing through the settling basins and the city water mains; and at the same time it will demonstrate the efficiency of the settling basin system.

This will also show to what extent the bacterial count varies with the different stages of the river, and may serve as a partial index to a healthy or dangerous condition of the water for drinking purposes, since a decided increase in the total count would naturally argue a pro rata increase in pathogenic organisms, if they exist at all.

The present instructions to the bacteriologist are sufficient to obtain from him this work, a report of which he has promised weekly. I therefore see no necessity for further instructions to him.

Respectfully submitted,

H. WHEELER BOND,
Member Board of Health.

PRACTICAL HYGIENE—By Charles Harrington, M. D.

WATER.

Bacteriological analysis differentiates between pathogenic and non-pathogenic contamination, but it is only rarely that it serves to point out danger in advance. Even when an outbreak of typhoid fever has occurred

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and attention is drawn thereby to the condition of the water supply, the results of bacteriological examination are generally negative. The reason for this is two-fold. In the first place, the examination for the detection of the specific organism is not ordinarily begun until attention is drawn to its necessity by an outbreak of the disease, which does not appear until about two weeks from the time contamination has occurred. Unless the contamination is continuous, by the time the examination is instituted the polluting materials have either passed on or the specific organisms have perished. In the second place, even although they are present, with our present methods it is not an easy matter to isolate them, and we can determine in most cases only the probability of their presence.

It should be borne in mind that the organisms are particulate bodies in suspension in great dilution, and that their distribution is not homogeneous as is the case with substances in solution, and that, therefore, the amount of water taken for planting plates may not contain them. But in the unsuccessful search, it is not uncommon to find B. coli communis, and where this organism lurks the other may have been present.

As a rule, bacteriological search for the typhoid bacillus has given negative results. Laws and Andrews failed to find in it the sewage of London, although it must have been present; and they had but slight success in the examination of sewage from a hospital where forty cases of the disease were being treated. The reason for this may be that through absence of suitable food material and favorable temperature, and by reason of the antagonistic influence of the ordinary sewage bacteria, the typhoid bacilli had lost their vitality; or it may be that they were so diluted that the volumes used for planting failed, as a rule, to contain them. Examination of the water supposed to be concerned in the unusual outbreak at Maidstone yielded absolutely negative results, although no reasonable doubt can exist that at some time they had been present.

Professor Percy Frankland, who has had a large experience in dealing with micro-organisms in air and water, says: "The detection of specific pathogenic bacteria in drinking water is now known to be almost beyond the range of practical politics, and the search for such bacteria is, in general, only carried on in deference to the special request of the layman, the uninitiated, or the hopelessly ignorant, whilst it cannot be repeated often enough that any feeling of security which may be gathered from an unsuccessful search for pathogenic bacteria is wholly illusory and in the highest degree dangerous. . . . . By far the most important service which has been rendered by bacteriology is the means which it affords of controlling the efficiency of filtration and other purification processes. The slightest irregularity or defect in the process of filtration is at once laid bare. Bacteriological purity of well-waters can also be satisfactorily controlled.

Professor W. H. Horrocks, too, remarking on the fact that, as a considerable time has elapsed since the occurrence of pollution, the bacteriological detection of the same, especially when waters of great original purity are concerned, becomes more and more difficult, adds: "It is, therefore, evident that a bacteriological examination has its limits of usefulness, and a slavish adherence to it under all conditions, combined with neglect of the hints to be obtained by chemical means, may lead to a perfectly erroneous judgment. Still there is one branch of hygienic study in which bacteriology must always remain supreme; it is now acknowledged on all sides that the working of sand filters for public water supplies cannot be properly kept under control except by appealing to bacteriological methods of examination.

A positive result, the first instance in which the organism isolated responded to every test, including growth on gelatin, potato, litmus milk, bouillon and glucose bouillon, agglutination, and Pfeiffer's test with animals, is recorded by Drs. Kubler and Neufeld. In this case, the cause of the disease lay in the use of water from a well infected by the urine of a person sick with the disease. Four weeks from the time of the first examination when the bacillus was isolated, a second analysis was made, which yielded bacilli which responded to all the tests excepting Pfeiffer's, which

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exception was supposedly due to modified virulence. No colon bacilli were present either time.

A second instance is recorded by Fischer and Flatau, who isolated the organism from a well-water in Bellingen. Similarly, second attempt, made four weeks later, was unsuccessful.

From what has gone before, it may be said that neither chemical nor bacteriological analysis is infallible. Each has its uses, and each may be helped by the other. The value of either lies in the skill displayed in interpreting the results, and this requires as much knowledge as the making of the examination itself.

Regular meeting, March 17, 1904: Ordered, after a hearing, that John Schulte, Mrs. Helen Perry, Albert Henry Schnell, Jacob Egner, Frank Turgeon, John F. Mason, Michael J. Kleinhoffer and David Madison Rankin be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Eight cases dismissed: Six cases condemned.

Regular meeting March 24, 1904: Ordered, after a hearing, that Louise Meyer, Henry Kuehner, Joseph Mathews, Sam Smelovitz, Mary Sullivan, Mrs. Maggie Gerard, Fred Stutzer, Mrs. A. E. Leppold, John Ballbach, Jacob Baumgartel, Engelbert Koeppens, Eva Wischwitz, Edmund Goette, Joseph F. May, Alice Mellville and Mrs. Pat Shaughnessy be admitted as patients to the Insane Asylum.

Action in complaints of nuisance: Two cases dismissed: Twenty-one cases laid over.

Dr. Bond offered the following resolution, which was seconded by Dr. Merrell and adopted by the board:

Resolved, That the Board of Health recommend that the Health Commissioner return John McGinnis, at present a patient of the City Insane Asylum, to the Westborough Insane Asylum, Westborough, Mass., in charge of an officer.

Regular meeting March 31, 1904: Ordered, after a hearing, that Frederick John Schaeffer, George D. Bowman, Henry Clay Watson, Mary Hines, John Davis, Bridget Herbert and Augusta Levine be admitted as patients to the Insane Asylum.

LIST OF PHYSICIANS AND MIDWIVES WHOSE CERTIFICATES WERE RECORDED DURING THE YEAR 1903-04.

NAME.	Date of Record	Date of State Certificate.	NAME OF SCHOOL.	Date of Diploma.
Apperson E. L.	4-6-03	5-3-01	Passed ex. S. B. of H.	....
Alexander Frank S.	6-26-03	6-23-03	American M. College	1903
Allison Nathaniel	9-19-03	4-29-03	Passed ex. S. B. of H.	....
Althans Carl	11-2-03	10-2-03	Med'l Dept. Washington U.	1903
Avery C. A.	12-14-03	6-23-03	Barnes Medical College	1903
Albrecht F. H.	2-20-04	2-18-04	Washington University	1902
Bishop T F.	5-8-03	6-29-92	American Med. College	1892
Bailey Fred W.	5-25-03	4-29-03	Passed ex. S. B. of H.	....
Balmer Emily	6-16-03	6-10-03	Passed ex. S. B. of H.	....
Blass Barney	6-24-03	1-27-03	Passed ex. S. B. of H.	....
Babcock Bert W.	6-25-03	4-25-03	Marion Sims	....
Bilenkamp Sophia	6-27-03	6-23-03	American M. College	....
Brown Arthur C. F.	7-9-03	4-13-01	Barnes Medical College	....
Berrian Anna V.	7-10-03	3-12-03	Passed ex. S. B. of H.	....
Bitting Louis C.	9-14-03	8-4-99	Georgetown Univ. Wash't'n, D. C.	....
Bourne N. L.	2-29-03	6-23-03	Barnes Medical College	1903
Bebee Berthold P.	11-17-03	6-23-03	Marion Sims	1903
Barclay Wm. D.	11-19-03	2-27-91	Louisville Medical College	1890
Bradshaw John T.	1-11-04	1-8-04	Passed Sat. ex. S. B. of H.	....
Brandt F. A.	1-11-04	1-8-04	Passed Sat. ex. S. B. of H.	....
Beltman Chas E.	1-12-04	1-8-04	College of Phy. & Surgeons	....
Burnett D. S.	1-16-04	1-8-04	Passed ex. S. B. of H.	....
Berry Virgil	2-1-04	1-26-04	Marion Sims	1895
Bardenheir F. G. A.	3-1-04	2-18-04	Marion Sims	1903
Collins Frank N.	5-6-03	4-29-03	Passed ex. S. B. of H.	....

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LIST OF PHYSICIANS AND MIDWIVES WHOSE CERTIFICATES WERE RECORDED DURING THE YEAR 1903-04.

NAME.	Date of Record.	Date of State Certificate.	NAME OF SCHOOL.	Date of Diploma.
Clark John F.	5-7-03	4-29-03	Passed ex. S. B. of H.	....
Cohen Sigmund	5-9-03	4-10-97	Ky. School of Medicine	1904
Conrad J. A.	6-16-03	5-1-01	Passed ex. S. B. of H.	....
Cowgill Anna L.	6-22-03	6-10-03	Passed ex. S. B. of H.	....
Cochran Francis B.	6-22-03	1-27-03	Passed ex. S. B. of H.	....
Collins Richard F.	7-1-03	4-4-03	Kansas City Hom. College	....
Conway Arthur	7-10-03	3-7-83	St. Louis Medical College	....
Craddock Frank B.	8-22-03	4-9-03	Barnes Medical College	....
Coates C. C.	9-19-03	6-15-01	Illinois Medical College	1899
Cuddy Owen L.	10-10-03	9-28-03	Barnes Medical College	1903
Cameron Solon	11-3-03	10-13-03	Barnes Medical College	1903
Cobb Chas. D.	1-11-04	1-8-04	Passed ex. S. B. of H.	....
Clark Sadie S.	1-19-04	1-8-04	Passed ex. S. B. of H.	....
Dudley Carl	4-8-03	9-29-99	St. Louis Medical College	1898
DeMenil Henry N.	5-4-03	4-29-03	Passed ex. S. B. of H.	....
Donovan Rose C.	7-14-03	4-25-03	American Medical College	....
Dominick Bessie	7-23-03	6-10-03	Passed ex. S. B. of H.	....
Dittmer Amelia	7-28-03	7-24-03	Passed ex. S. B. of H.	....
DeKovan Victoria K.	7-31-03	7-17-03	Passed ex. S. B. of H.	....
Delabar Chas A.	8-26-03	3-3-87	Missouri Medical College	....
Donovan Rose C.	7-14-03	4-25-03	American Medical College	....
Dillon W. A.	9-21-03	5-14-04	Med. Dept. Washington Univ.	1901
Daniels Oliver L.	10-20-03	10-8-03	Passed ex. S. B. of H.	1903
Duncan James M.	10-21-03	6-27-93	Missouri Medical College	1872
Emerson C. C.	7-1-03	4-26-03	College of Phy. & Surg.	....
Evans Emery E.	11-2-03	3-21-01	Beaumont Medical College	1901
Eckels Winfield S.	11-19-03	4-7-97	Barnes Medical College	1903
Fisher Amos T.	5-4-03	4-29-03	Passed ex. S. B. of H.	....
Frankenthal Maurice A.	5-4-03	4-29-03	Passed ex. S. B. of H.	....
Freudenstein W. H.	5-4-03	4-29-03	Passed ex. S. B. of H.	....
Frye Anton G.	5-5-03	4-29-03	Passed ex. S. B. of H.	....
Feather Francis F.	5-5-03	4-29-03	Passed ex. S. B. of H.	....
Flack John L.	5-12-03	4-29-03	Passed ex. S. B. of H.	....
Fahlen Fred	6-25-03	6-23-03	Passed ex. S. B. of H.	....
Fuhrman Richard H.	6-29-04	6-26-03	Washington University	....
French Benj. F.	7-25-03	5-30-88	Passed ex. S. B. of H.	....
Frazer Hallie S.	9-28-03	11-8-98	College of Phy. & Surg.	1898
Fowler S. R.	9-28-03	7-23-03	Passed ex. S. B. of H.	1898
Friegenbaum Gerson	12-14-03	8-24-00	Baltimore University	1900
French Chas. H.	1-19-04	1-8-04	Passed ex. S. B. of H.	....
Ferris Edgar S.	3-16-04	12-10-04	Miami Med. College, Cin. O.	1888
Guhman Chas. N.	5-4-03	4-29-03	Passed ex. S. B. of H.	....
Grimes LeRoy	7-10-03	4-23-03	Marion Sims	....
Gordon Frank N.	8-7-03	8-3-03	Washington University	....
Ghio Jos. P.	8-16-03	.....	Marion Sims	....
Glenn Jos O.	8-26-03	4-2-83	Passed ex. S. B. of H.	....
Gettys Herny B.	9-29-03	5-3-01	Washington University	1903
Goldstadt A. M.	10-12-03	4-29-03	Passed ex. S. B. of H.	....
Grage J. D. F.	10-12-03	4-29-03	Passed ex. S. B. of H.	....
Griffin Fred	1-11-04	3-17-98	University of N. Y.	1894
Guibor F. E.	10-10-03	11-23-83	Missouri Medical College	1871
Howard Alfred P.	4-6-03	5-24-02	Passed ex. S. B. of H.	....
Howink Jos. J.	5-4-03	4-29-03	Passed ex. S. B. of H.	....
Harrison G. W.	5-12-03	4-29-03	Missouri Medical College	1877
Heuman Geo. W.	6-25-03	4-25-03	Marion Sims	....
Harral Walter E.	6-25-03	6-23-03	Barnes Medical College	1903
Harbour S. C.	6-25-03	6-25-03	Marion Sims	1903
Hoffman Theresa	7-13-03	6-10-03	Passed ex. S. B. of H.	....
Heaton Edwin V.	7-17-03	3-17-96	Barnes Medical College	....
Hogue Lizzie A.	7-22-03	6-10-03	Passed ex. S. B. of H.	....
Hopkins Ross	7-28-03	7-23-03	Passed ex. S. B. of H.	....
Hartford M. S.	7-28-03	7-23-03	Passed ex. S. B. of H.	....
Harris Pearl	8-12-03	8-10-03	Barnes Medical College	....
Hopkins Cary N.	9-12-03	4-12-01	College of Phy. & Surg., Chicago.	....
Hughes Thos B.	11-3-03	6-10-99	Milwaukee Medical College	1898
Holbrook Chas. M.	11-9-03	11-6-03	Howard Univ., Washington, D. C.	....
Hayman A. T.	12-5-03	12-1-03	Barnes Medical College	1903
Heinrichs Julius C.	9-23-03	4-26-99	Missouri Medical College	1899
Hogg, Garrett	9-30-03	9-28-03	American Medical College	....
Jones Harold W.	9-16-03	4-29-03	Passed ex. S. B. of H.	....
Joseph Josephine	1-21-04	1-8-04	Passed ex. S. B. of H.	....

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LIST OF PHYSICIANS AND MIDWIVES WHOSE CERTIFICATES WERE RECORDED DURING THE YEAR 1903-04.

NAME.	Date of Record.	Date of State Certificate.	NAME OF SCHOOL.	Date of Diploma.
Krapf Geo. C.	5-13-03	4-29-03	Passed ex. S. B. of H.	....
Kean Ayman	6-29-03	6-23-03	St. Louis College P. & S.	....
Kelling Geo. A.	6-29-03	6-23-03	St. Louis College P. & S.	....
Kimball Arthur Co.	7-15-03	6-2-02	Washington University	....
Kittridge Ida F.	7-29-03	7-11-03	Passed ex. S. B. of H.	....
Kennedy Andrew F.	9-21-03	4-12-01	Barnes Medical College	1901
Klinefelter M. S.	9-28-03	8-3-03	Washington University	1903
Killian Rosa	11-5-03	6-10-03	Passed ex. S. B. of H.	....
Keith James B.	1-6-04	3-17-98	University of New York	1894
Kommesser Maggie	2-2-04	10-23-03	Passed ex. S. B. of H.	....
Laubis Bertha	6-23-03	6-10-03	Passed ex. S. B. of H.	....
Lang Albert F.	6-25-03	6-23-03	St. Louis Medical College	....
Leavy Chas A.	6-26-03	6-23-03	Marion Sims	....
Lowery J. M.	7-25-03	6-23-03	Barnes Medical College	....
Lee Jas. O.	8-13-03	8-10-03	American Medical College	....
Lischer R. F.	1-12-04	1-8-04	Passed ex. S. B. of H.	....
Linsenmann Emma	2-9-04	6-10-03	Passed ex. S. B. of H.	....
Miller Franciska	6-16-03	6-10-03	Passed ex. S. B. of H.	....
Markwort Herbert	6-25-03	6-23-03	St. Louis College Phy. & Surg.	1903
Merz Adolph	6-22-03	6-23-03	Marion Sims	....
Moeller C. E. O.	7-1-03	6-27-03	Washington University	....
Manning Thos S.	7-3-03	3-12-91	St. Louis Medical College	....
Munson Chas. L.	7-18-03	7-11-03	Marion Sims	....
McNeill Josephine	8-17-03	4-9-03	Homeopathic Med. Col., Mo.	....
Menown R. R.	9-11-03	4-27-03	Passed ex. S. B. of H.	....
Moore Wm. L.	9-19-03	4-13-03	Barnes Medical College	1899
McGinnis Chas. Q.	9-24-03	2-12-98	Missouri Medical College	1896
Morton Harry M.	9-28-03	4-14-94	Denver Homeopathic M. C.	....
Martin Mary B.	10-2-03	9-28-03	Barnes Medical College	1903
Mackenzie W. A.	10-10-03	8-15-01	Passed ex. S. B. of H.	....
Meeks Jas R.	10-22-03	10-20-03	Passed ex. S. B. of H.	....
Martin Wm. F.	11-2-03	10-8-03	Passed ex. S. B. of H.	....
Mayes Jas F.	1-11-04	1-8-04	Passed ex. S. B. of H.	....
Macdonald John W.	1-12-04	1-8-04	Passed ex. S. B. of H.	....
Margraf Barbara	1-19-04	1-8-04	Passed ex. S. B. of H.	....
Mahon Wm. T.	2-10-04	12-17-83	College of Phy. & Surgeons	1880
Moore C. D.	3-23-04	10-8-03	Passed ex. S. B. of H.	....
Minor Wm. E.	3-23-04	8-13-89	Univ. of Kansas City, Mo.	1889
McReynolds A. R.	9-25-03	5-24-02	Passed ex. S. B. of H.	....
Nolder Samuel M.	4-13-03	4-14-91	Hohmann Medical College	1901
Nies Fred	5-8-03	4-29-03	Passed ex. S. B. of H.	....
Nywening John	5-29-03	4-29-03	Passed ex. S. B. of H.	....
Nehl Chas. W.	10-1-03	9-28-03	Washington University	1903
Newman Samuel E.	10-12-03	10-8-03	Passed ex. S. B. of H.	....
Nirk Elda	10-26-03	10-23-03	Passed ex. S. B. of H.	....
Nischwitz Louisa	10-26-03	10-23-03	Passed ex. S. B. of H.	....
Nash W. Hampton	11-23-03	9-28-03	St. Louis Col. Phy. & Surg.	1903
Nichols Frank J.	1-14-04	1-8-04	Passed ex. S. B. of H.	....
Orr R. A.	5-19-03	7-6-92	Ohio Medical College	1890
O'Keefe Jas. J.	7-27-03	7-23-03	Passed ex. S. B. of H.	....
O'Bar Oliver	10-12-03	12-17-01	Passed ex. S. B. of H.	....
Ottosen C. D.	1-16-04	1-8-04	Passed ex. S. B. of H.	....
O'Neal Wm. C.	2-11-04	3-31-00	Beaumont Medical College	....
O'Neil Maggie	7-13-03	6-10-03	Passed ex. S. B. of H.	....
Prentiss Harry S.	4-27-03	5-24-02	Passed ex. S. B. of H.	....
Pruett D. S.	5-5-03	4-29-03	Passed ex. S. B. of H.	....
Parman David R.	6-3-03	4-29-03	Passed ex. S. B. of H.	....
Presnell Charlotte	6-17-03	6-10-03	Passed ex. S. B. of H.	....
Pagel Emile	6-23-03	6-10-03	Passed ex. S. B. of H.	....
Pafflow Lulah H.	6-25-03	6-23-03	American Medical College	1903
Pieper Hy. G.	7-2-03	6-29-03	Marion Sims	....
Poe John D.	7-6-03	3-12-01	Passed ex. S. B. of H.	....
Pierce Clarence E.	8-10-03	6-23-03		....
Price John M.	9-1-03	7-11-03	Hom. Medical College, Mo.	....
Prima Santa	2-2-04	1-8-04	Passed ex. S. B. of H.	....
Potts J. D.	3-8-04	12-17-78	State Univ. of Missouri	1878
Russler Jacob J.	5-6-03	4-29-03	Passed ex. S. B. of H.	....
Reed Ben H.	5-7-03	4-29-03	Passed ex. S. B. of H.	....
Rounebaum Jno. Hy.	5-20-03	4-29-03	Passed ex. S. B. of H.	....
Roth Naomi	7-2-03	6-10-03	Passed ex. S. B. of H.	....
Rowe A.	8-19-03	4-25-03	Marion Sims	....
Reininger Anna M.	10-29-03	10-23-03	Passed ex. S. B. of H.	....

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LIST OF PHYSICIANS AND MIDWIVES WHOSE CERTIFICATES WERE RECORDED DURING THE YEAR 1903-04.

NAME.	Date of Record.	Date of State Certificate.	NAME OF SCHOOL.	Date of Diploma.
Rush Wm. H.	1-4-04	6-15-01	Med. Dept Washington Univ.	1901
Smith Leo J.	5-4-03	12-10-97	Univ. Kansas City, Mo.	1886
Sibley Chas C.	5-4-03	4-29-03	Passed ex. S. B. of H.	....
Steiner Albert S.	5-4-03	4-29-03	Passed ex. S. B. of H.	....
Schreiber Adam W.	5-5-03	4-29-03	Passed ex. S. B. of H.	....
Swanson Marie	5-6-03	4-29-03	Passed ex. S. B. of H.	....
Schulz Edward	5-9-03	4-29-03	Passed ex. S. B. of H.	....
Sendelbach Olga	6-24-03	6-10-03	Passed ex. S. B. of H.	....
Schuck Philip	6-25-03	4-21-97	Passed ex. S. B. of H.	....
Sparhawk W. J.	6-29-03	6-26-03	Barnes Medical College	....
Smith Clyn	6-30-03	6-23-03	Marion Sims	....
Spreckelmeyer G. A.	7-3-03	12-20-83	Missouri Medical College	....
Stein Benjamin	7-10-03	4-9-03	Barnes Medical College	....
Stolzenburg Elsie	7-13-03	6-10-03	Passed ex. S. B. of H.	....
Scheve Elner F.	8-3-03	7-11-03	Passed ex. S. B. of H.	....
Strickler Benj. E.	8-28-03	2-15-76	Rush Medical Col., Illinois	....
Sterling W. M.	10-12-03	10-2-03	Washington University	1904
Sheldon Geo. H.	10-19-03	10-15-03	Barnes Medical College	1902
Stix Walter H.	10-27-03	10-23-03	Passed ex. S. B. of H.	....
Slusher Clara M.	11-12-03	10-23-03	Barnes Medical College	1903
Smith Geo. W.	12-11-03	3-12-87	Col. of Phy. & S., Keokuk, Iowa.	1887
Sanders F. M.	1-12-04	1-8-04	Passed ex. S. B. of H.	....
Scott C. D.	1-16-04	9-28-03	Washington University	1903
Seelig M. G.	2-24-04	2-18-04	Passed ex. S. B. of H.	....
Swahlen Percy H.	2-24-04	2-18-04	Marion Sims	1903
Stayner Ira C.	2-26-04	2-18-04	Passed ex. S. B. of H.	....
Tackaberry Mary E.	6-23-03	6-10-03	Passed ex. S. B. of H.	....
Thomson David A.	7-9-03	7-23-03	Phys. & Sur. College, St. Louis.	....
Tuholski Moritz C.	7-23-03	7-11-03	Washington University	....
Thomas Tracy R.	7-25-03	7-17-03	Barnes Medical College	....
Tyson Earl H.	9-8-03	4-18-00	Hom. Medical College, Mo.	....
Treux Howard E.	9-15-03	4-29-03	Passed ex. S. B. of H.	....
Upshaw Harry A.	9-21-03	4-11-98	Marion Sims	1898
Vitt Rudolph S.	5-4-03	4-29-03	Passed ex. S. B. of H.	....
Vincil Frank H.	12-31-03	12-22-03	Barnes Medical College	1903
Viehe R. F.	1-14-04	1-8-04	Passed ex. S. B. of H.	....
Vandover Sam'l T.	9-19-03	3-27-03	Beaumont Medical College	1901
Van Hoon Mabel	9-21-03	11-15-97	American Medical College	1889
Wehrs Herman H.	4-13-03	4-2-00	Beaumont Medical College	1900
Wiebe Agnes	6-16-03	6-10-03	Passed ex. S. B. of H.	....
Wall Edw. J.	7-10-03	4-7-99	Med. Univ., Kansas City, Mo.	....
Wills Wm. J.	9-10-03	3-29-01	Beaumont Medical College	....
Whepley Frank S.	9-12-03	6-2-02	Passed ex. S. B. of H.	....
Wright Chas. O.	10-1-03	9-28-03	Washington University	1903
Wheeler Wm. M.	10-5-03	6-27-03	Kentucky School of Medicine	1893
Wilbur F. M.	10-12-03	10-2-03	Barnes Medical College	1903
Westmeyer Mary E.	10-27-03	7-24-03	Passed ex. S. B. of H.	....
Wieland G. T.	11-27-03	3-17-91	St. L. Col. Phy. & Surg.	1903
Warrance Anna L.	1-21-04	1-8-04	Passed ex. S. B. of H.	....
Youngman Jacob A.	1-12-04	1-8-04	Passed ex. S. B. of H.	....
Young Mary	7-23-03	6-10-03	Passed ex. S. B. of H.	....
Zapp Philip G.	6-25-03	6-23-03	Marion Sims	1903
Zoller C. H.	10-12-03	9-8-03	St. Louis Medical College	1903

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II.

SANITARY DIVISION.

Charles W. Francis.....Assistant Health Commissioner
J. G. McCloskey.....Chief Clerk

	Appropriations.	Balances.
For salaries	$ 50,100 00	$122 62
For office expenses, etc	13,300 00	831 16
For disinfectants	14,150 00	476 80
For horses, wagons, buggy and harness	600 00	52 00

ANNUAL STATEMENT.

Dr. John H. Simon,
Health Commissioner.

Dear Sir:—I herewith forward to you the report of the workings of the Sanitary division for the fiscal year ending April 1st, 1904.

The tables accompanying this report give statistics in detail in relation to all contagious diseases.

The total number of communicable diseases reported was 6,032 cases and 853 deaths. During the past year there has been a very marked decrease in the majority of contagious diseases. For the sake of comparison I will furnish the following, showing the cases of the principal contagious diseases and deaths for the last four years.

SMALLPOX.

	Cases.	Deaths.
Fiscal year ending April, 1901	217	6
Fiscal year ending April, 1902	1,916	15
Fiscal year ending April, 1903	890	12
Fiscal year ending April, 1904	253	1

DIPHTHERIA.

	Cases.	Deaths.
Fiscal year ending April, 1901	3,486	353
Fiscal year ending April, 1902	2,029	224
Fiscal year ending April, 1903	1,531	166
Fiscal year ending April, 1904	965	126

SCARLET FEVER.

	Cases.	Deaths.
Fiscal year ending April, 1901	1,008	58
Fiscal year ending April, 1902	1,753	87
Fiscal year ending April, 1903	2,331	119
Fiscal year ending April, 1904	1,360	108

Typhoid fever, however, shows a marked increase during the past year. The records for this disease are as follows:

TYPHOID FEVER.

	Cases.	Deaths.
Fiscal year ending April, 1901	1,160	161
Fiscal year ending April, 1902	1,127	206
Fiscal year ending April, 1903	1,150	231
Fsical year ending April, 1904	1,522	283

The law does not require physicians to report cases of consumption and the Health Department is unable to give any statistics in relation to the disease, except the number of deaths. The mortality from consumption appears to keep up with the increase of the population.

In 1901 there were.....1,016 deaths
In 1902 there were.....1,161 deaths
In 1903 there were.....1,105 deaths
In 1904 there were.....1,168 deaths

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The total deaths from all cases during the past four years are as follows:

Fiscal year ending April, 1901..... 9,931 deaths
Fiscal year ending April, 1902.....10,857 deaths
Fiscal year ending April, 1903.....10,325 deaths
Fiscal year ending April, 1904.....11,486 deaths

During the past year there were 3,479 houses examined and posted for contagious diseases and there were 3,782 houses fumigated and disinfected.

The expenses for the Sanitary division for the last fiscal year amounted to $76,658.84, which was divided as follows:

Salaries of clerk, sanitary officers, fumigators and inspectors	$49,968.38
Office expenses, including the keeping of horses	12,468.84
Disinfectants and material	13,673.62
Horses and wagons purchased	548.00
Total	$76,658.84

The need of legislation to strengthen the hands of the department in dealing with contagious diseases and with the abatement of nuisances has been frequently pointed out. The charter provisions relating to the abatement of nuisances by special tax bills are defective; in fact, are inoperative. The charter has been in operation twenty-seven years and in that time not a single nuisance has been abated through the means of special tax bills, although the matter has been frequently tried. Whenever new amendments to the charter are prepared to be submitted to the vote of the people this matter should be carefully considered; this defect in the charter very seriously handicaps the officers of the Health Department.

There is no ordinance declaring consumption to be a contagious disease; no authority given the Health Department to take steps to check it, and this city is far behind other large cities in adopting measures for stopping the spread of this disease.

The greatest difficulty that the department encounters in the work of suppressing and controlling the spread of diphtheria, scarlet fever and measles is the absence of a suitable hospital for the treatment of these diseases. The department should be provided with a hospital for the treatment of contagious diseases, where the children of those who are obliged to live in crowded tenement houses or small flats could be removed to and where, if they desired it, the parents of these children could accompany them. With the exception of small-pox this city has practically no facilities for the treatment of contagious diseases, and there is only one small private hospital where patients of this class will be received. I regard this question of a hospital for contagious diseases as a highly important measure and one that the municipal authorities should act upon.

Why typhoid fever has increased so much during the past year is difficult to explain. The officers in charge of our water works have done everything in their power to clarify and improve the character of the water supplied to citizens and in the work of clarifying have met with remarkable success, but the fact remains that this disease has increased. Is this increase due to the large volume of sewage discharged into the river north of St. Louis? In looking over a cause of this increase in typhoid fever this pollution of the rivers must be considered.

MEAT INSPECTION.

The inspection of meats during the past year has been the most thorough and systematic that was ever carried out in this city. The small force of meat inspectors have worked faithfully with excellent results, but necessarily there has been much left undone. It has been impossible to give the meat inspection the care that it should have, and the inspectors have been unable to give any attention to the inspection of vegetables and fruits, but this work of inspection cannot be properly carried out until the force of inspectors is increased. Instead of four inspectors there

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should be at least twelve. The ordinance governing the inspection of meats, vegetables and fruits should be amended so that the inspectors would have greater authority and more severe penalties should be enacted against those who offer for sale or sell diseased or unwholesome meats, fruits and vegetables. There should also be steps taken looking to the inspection of animals before they are killed, and there should be a law governing the bringing into this city of animals killed elsewhere. Parties bringing dressed meat to this city should be required to file affidavits with the Health Department, which affidavits should be made by responsible officials at the place where the animals were slaughtered. These affidavits should set forth that the cattle, the meat of which was brought to the City of St. Louis, was healthy at the time of their killing.

FUMIGATION STATION.

The method used by this department in the fumigation of houses is, I believe, as good as any in this country; the work is carefully done and the frequent tests made by the Sanitary division in conjunction with the City Bacteriologist have clearly demonstrated that it is as thoroughly effective as it is possible for it to be. But, there is great need of a fumigation station, where large quantities of clothing and bedding can be brought to be thoroughly disinfected; also where the bedding and clothing of houses in which there has been a contagious disease and which houses, from some cause, cannot be fumigated, could be brought.

There should also be a number of rooms properly fitted up where families could be removed to while their premises were being disinfected.

It is almost impossible to properly fumigate places of two or three rooms and at the same time to allow the family to remain on the premises. There must be left for the use of the family at least one room and in these cases often the department has to return the next day and disinfect this room, and this mode of disinfection is defective and besides it causes great discomfort, especially in cold weather, to families who occupy crowded quarters, to give up their rooms to be fumigated.

The quarters prepared for families could be so arranged as to allow them to remain there over night, thus giving the rooms that have been fumigated a chance to thoroughly air. A change of clothing could be provided for the members of the family, so that all their clothing would be disinfected with their bedding and rooms.

An establishment of this kind would be of great assistance to the department and do away with a greaf deal of the inconvenience and annoyance that is entailed by fumigation.

DISTRICTS IN NEED OF SEWERS.

The western portion of the city south of the Clayton road between Kingshighway and the city limits, which territory embraces the suburbs known as Cheltenham, Clifton Heights, Benton, Ellendale, Lindenwood and Gratiot, is being fast built up, and having no sewer facilities, the nuisances brought about by drainage from houses, is becoming a serious matter in many localities. The city has laid water pipes all through this district and many of the people are placing modern plumbing in their houses, draining out into ravines and low places or to natural sink holes.

The right of the city to establish a district sewer which discharges into a river course appears to be admitted by the fact that the city built a large sewer, known as the Cora avenue sewer, and discharged the same into a branch of the Harlem Creek near Natural Bridge Road. If there was no legal objection to this being done (and there does not appear to have been any made) why cannot the city establish sewer districts to be discharged into the River des Peres? In fact, a great deal of drainage goes to this stream at present. More or less of the World's Fair sewage is discharged into the river.

An immense amount of sewage comes from points outside the city along and north of the Olive street road and at Gratiot Station, and a branch of the River des Peres enters the city limits at this point.

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I strongly recommend that the Sewer Department be requested to take up this matter of the drainage of the districts I have mentioned above and establish sewer districts therein and there should be no time lost in doing this. It is a much needed measure and an important one from a sanitary standpoint.

In concluding this report it is my desire to express to you my thanks and appreciation of the assistance you have given me in the management of the Sanitary Division, and also for the very many courtesies extended to me personally.

Respectfully,

CHAS. W. FRANCIS,
Assistant Health Commissioner.

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III.

DISPENSARY DIVISION.

Chief Physician and Staff.

Henry Joseph Scherck, M. D.....Chief Dispensary Physician

Assistant Physicians.

E. J. Ernst, M. D., J. H. Humphrey, M. D., J. S. Herrington, M. D.

Branch Dispensaries.

F. J. Specht, M. D., R. W. Renwick, M. D., J. Frank, M. D.,

Vaccine Physicians.

E. H. Henckler, M. D., J. P. Ghio, M. D., W. S. Lawrence, M. D.,

Apothecary.

A. A. Bongner.

Sanitary Officer.

P. H. Donovan.

	Appropriations.	Balances.	Overdrawn.
For salaries, Central	$17,560 00		$179 10
For physicians temporarily employed	6,000 00	$285 80	
For Salaries, branches	7,390 00	339 68	
For charity prescription, etc	20,250 00	4 91	
For rent of rooms	1,400 00	.08	
For new ambulances	848 00		
For horses	1,000 00	10 00	
For unpaid bills beginning last fiscal year	36 00		

ANNUAL STATEMENT.

Sir—I have the honor to submit the report of the Dispensary Division for the year ending March 31, 1904, together with statistical tables which present the work in detail.

DISPENSARY CLINIC.

During the year just passed there was a grand total of 41,474 patients treated at the various Dispensaries—a gain of over 12,000 patients compared with the previous year. Of this number there were 21,731 medical cases and 19,743 surgical cases. This increase is undoubtedly due to several factors. In the first place there has been attracted to our city, on account of the World's Fair, a large number of men and women who expected to obtain profitable employment and have been disappointed, become sick and destitute, and hence we have had to look after this floating population. Manifestly there have been a great many people treated who were not justly entitled either to dispensary care or hospital admission, but inasmuch as they were desperately ill and without means, we were compelled from a humanitarian standpoint, to give them what relief we could. During the present year I have no doubt that this condition of affairs will keep up. The work has, however, been satisfactorily done by the assistant physicians, and few instances of any complaint have been brought to my notice.

HOSPITALS.

Naturally the admissions to the hospitals have been correspondingly increased, 14,000 cases having been sent to the City Hospital, female hospital and smallpox hospital.

Of this number 11,707 were cared for at the City Hospital, 12,138 at the Female Hospital, while 244 were sent to Quarantine.

As I mentioned before I have especially endeavored to limit the number of those entitled to hospital care. I feel confident had care not been exercised this increase would have been even more than it has been.

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ISOLATION WARD.

The Isolation Ward serves a most excellent purpose in the same manner as always, but there is an urgent necessity for this ward to be improved in various ways, since in its present condition it is far from attractive and meeting the requirements for which it is intended.

The two nurses, Miss Powers and Mrs. Otterson, have been untiring in their efforts to alleviate the suffering of those committed to this ward. They deserve our highest commendation.

THE INSANE.

During the year 682 persons were arrested by the police, and brought to the Dispensary to be examined. Of this number, after having sent them for observation, 406 were found to be of unsound mind and committed to the Insane Asylum.

The new Observation Wards erected at your suggestion in the Emergency Hospital have proven a most excellent addition, and it is no longer a hardship for cases to be held until properly observed and disposed of. I again, in this connection, call your attention to the necessity for the erection in the jail of Observation Wards for the supposed criminal insane. I have reason to believe that the plea of insanity is often urged by criminals in order to escape punishment, and inasmuch as the hospital cannot guarantee the safe-keeping of criminals, there should be a provision made in the jail itself for the observation of cases of true insanity as well as cases of temporary mental aberration as the result of alcoholism.

VACCINATION.

Inasmuch as the number of cases of smallpox for the year just passed was about one-half the year previous, the total number of vaccinations has declined correspondingly. There were 16,619 vaccinations done. Of this number 6,575 were performed through the Dispensary, 856 at the City Jail, 863 in tenements, and 6,936 school children were vaccinated.

In this connection I am very happy to state that we have met with more encouragement than ever before from the Parochial Schools of St. Louis, and I have reason to believe that they are appreciating our efforts, and will, in the future, co-operate with us in as thorough a manner as is now done by the public schools of this city. As a result of this careful inspection and vaccination, I do not recall at present a single case of smallpox occurring among school children during the last school year,

AMBULANCE SERVICE.

Twelve thousand six hundred and seventy-eight calls were answered by our ambulances during the last year. In making these trips, 50,056 miles were covered. The amount of work corresponds to the previous year.

The innovation of having the surgeons accompany the ambulance on their trips when answering emergency surgical and medical cases, has proven of untold benefit, and I have no doubt that many lives have been saved and conditions ameliorated on account of their presence. I respectfully bespeak your encouragement for this branch of the service, in order that our city may be abreast with the service of the larger municipalities in the East and North.

I must again call your attention to the inconveniences and hardships, not only on the horses and drivers, but to patients, on account of the frightful condition of the roads between the Dispensary and Quarantine. I again suggest the advisability of having a quarantine street car equipped and the track extended from the Barracks to Quarantine. In this way our horses would be saved and the trip made much lighter for patients.

The number of cases of smallpox diagnosed and sent to Quarantine during the year were about 50 per cent less than during the previous year—220 cases in all. However, at the close of this fiscal year there

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seems to be a tendency towards an increase in the number of cases and the virulency of the disease. This can be accounted for by the importation of country people who have never been protected by vaccination. The World's Fair has added to our cares in this respect, but the management of this Exposition are co-operating with this Department in every way.

FINANCIAL.

During the past year the total expenses amounted to $53,976.63, a slight increase over last year. Considering, however, the large increase in the amount of work, this showing is entirely satisfactory. A detailed statement of the expenses will be found among the tables submitted; which will show at a glance the amount expended in detail.

SUMMARY.

There is hardly a doubt that many improvements could be suggested, but we have endeavored to accomplish all that we could with the means and opportunities at our disposal. Among the needed additions might be mentioned the necessity for a West End Dispensary, and the more complete equipment of our other Dispensaries.

The trained nurses at our Central Dispensary continue to be a source of great advantage, and special thanks are due to the Bethesda Hospital for their assistance in sending nurses to us. The various assistants in the Dispensary and Vaccine Corps of physicians deserve my sincere thanks for their ever prompt attention to duty and their interest in the work of the Department.

In conclusion, I wish to express my sincere gratitude for the encouragement and assistance that I have received from you, without which I would have been unable to have successfully conducted the work of this Department.

Very respectfully,

HENRY JOSEPH SCHERCK, M. D.,
Chief Dispensary Physician.

To Dr. John H. Simon, Health Commissioner.

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IV.

CHEMIST'S DIVISION.

Staff and Employees.

Walter Bernays, M. D.....City Chemist
Thos. A. Buckland.....Assistant City Chemist
Alfred L. Kammerer .....Assistant City Chemist
Ralph W. Langley.....Assistant City Chemist
Robert H. Pethebridge .....Milk Inspector
Patrick B. Comer .....Milk Inspector
E. A. Reder .....Clerk
Jos. F. Sondag .....Assistant Clerk and Laboratory Helper
Chas. McKinney .....Janitor

	Appropriation Corrected to Include Transfer.	Expenditures.	Balances Reverting to City Treasury.
For Salaries	$10,335 00	$10,332 07	$ 12 93
For Chemicals and Apparatus	2,000 00	1,086 13	913 87
For Office Expenses	3,665 00	2,744 46	920 54
For Equipment	1,000 00	290 45	709 55
Totals	$17,000 00	$14,453 11	$ 2,546 89

Note:

The original appropriation provided $4,000 for office expenses and $10,000 for salaries; of this $335 was transferred from the office expense to the salaries appropriation, by Ordinance No. 21,411.

License Collector Clifford makes the following statement:

12 Wholesale Milk Licenses Collected	$ 300 00	
628 Milk Wagon Licenses	1,570 00	
2095 Registration Fees	2,095 00	
	$ 3,965 00	
Fines Collected (Rough Minimum Estimate)	1,250 00	
Fines still due the City	8,957 00	
Total Revenue from Fines and Licenses under Milk Ordinance	$14,172 00	
Amount Expended by Department	$14,453 11	
Cost of Department to City	$ 281 11	

St. Louis, June 27, 1904.

To the Honorable Board of Health,
Honorable Rolla Wells, Mayor and Presiding Officer:

Gentlemen—I herewith submit my report of the work done in the City Chemist's office during the fiscal year 1903-1904.

CONDENSED REPORT.

Samples of River Water Analyzed	353
Samples of Well Water Analyzed	30
Samples of Cistern Water Analyzed	22
Samples of Wood Alcohol Analyzed for Sanitary Division	29
Samples of Formaldehyde Analyzed for Sanitary Division	18
Samples of Carbolic Acid Analyzed for Sanitary Division	22
Miscellaneous Analyses	75
Samples of Milk Collected and Analyzed	1,448
Samples of Skimmed Milk Collected and Analyzed	1,121
Samples of Cream Collected and Analyzed	1,503
Number of Wagons Inspected	1,734
Number of Stores Inspected	47
Number of Dairies Inspected	442
Number of Prosecutions for Violations of Milk Law	535
Number of Convictions for Violations of Milk Law	397
Number of Cases still Pending in Police Courts	40
Number of Cases Continued to be Reset if a Second Violation Occurs	9
Fines Imposed	$10,207

Status in Court Cases Under Milk Ordinance:

It is not possible for me to say just how many of the fines have been paid. I know, however, that more than $1,250 were paid in.

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A very large proportion of the cases have been appealed and are still pending in higher courts. These cases are being allowed to accumulate (continue to be reset) in the Court of Criminal Correction pending the decision of the Supreme Court on a series of test cases involving the different provisions of the milk ordinance. This is being done under an agreement drawn up and signed by the City Attorney and the lawyers for defendants. In the five test cases thus far tried in the Court of Criminal Correction the decision of the Police Court has been affirmed and the defendants fined. In regard to the purely legal points involved we were not so successful. Section 10, providing for the registration and licensing of milk vendors held to be valid in the police courts was declared unconstitutional in the Court of Criminal Correction.

Vital parts of Section 18 fixing the minimum limit of composition for whole milk held valid in the police courts, was also opinioned unconstitutional in the Court of Criminal Correction. Cases under both sections have been taken to the Supreme Court.

All written opinions thus far rendered in Milk Ordinance cases have been transmitted to the Board of Health at the time when they were handed down.

Necessity for Special Attorney for City Chemist's Office:

The work of the Department was very materially curtailed by the time lost in court waiting for cases to be called for trial. Often nearly the entire office force was compelled to wait in court a whole morning.

I believe that if an attorney were appointed to attend to the legal work of this department alone, he would save the milk inspectors and chemists enough time to pay for his own services. The technical nature of much of the evidence to be presented also makes it desirable to have a special attorney for these cases, who could spend some time in preparing them so that the technical points would be properly brought out.

Amendments to Milk Ordinance Suggested:

Sixteen months of work under the new Milk Ordinance have shown that good results are obtainable under it. The table in Appendix A shows this plainly. There has been a marked decrease in adulteration of dairy products; cows and cow-stables and milk-houses in the city are being kept cleaner and much more attention is being paid to the refrigeration of dairy products. But much still remains to be done.

Two sections of the Milk Ordinance must, however, be revised before entirely satisfactory results can be obtained. Section 10 providing for the licensing of milk vendors has been of very little use to us in connecting a wagon or store with its owner and should be repealed and replaced by a section providing for the issuing of identification numbers to every milk vendor similar to the numbers now being issued to automobiles. A reasonable charge could be made to cover the cost of these numbers and the cost of issuing them. The numbers should run serially and every milk vendor should be compelled to have a number for each vehicle and each store from or in which he sells milk. The number should be made non-transferable, and it should be ordained that the presence of a certain number on a wagon or in a store should be prima facie evidence that the said wagon or store is the property of the person or firm to whom the identification number was issued.

Section 22 is also a failure. This section allows the sale of a partially skimmed milk provided the wagon, containers or premises from which such skimmed milk is sold are plainly marked with the words **"Skimmed Milk."** So much of the law can be and has been enforced. But these regulations do not protect the consumer from being sold skimmed milk when he is paying for whole milk, because during the summer months at least one-third of the milk is delivered in the early morning hours before the consumer arises. The purchaser has no means of knowing whether or not the milk came from a wagon or can marked skimmed milk. The law demands further that a label bearing the legend **"Skimmed Milk"** be placed on the purchaser's vessel into which such skimmed milk is delivered. It is not feasible to enforce such a regulation without very extensive co-operation of the public with the inspectors. For the dairymen can label the purchaser's vessel when the inspector is present to witness

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the sale and neglect to do so with impunity when the inspector is not about. I am convinced that nothing short of requiring the skimmed milk itself be colored a bright blue or other color would prevent its extensive fraudulent sale as whole milk. The sale of skimmed milk at whole milk prices is the most demoralizing factor now influencing the milk trade of this city. It is very difficult for the honest dealer to compete with his dishonest neighbor who sells his partially skimmed milk at whole milk prices. For the reasons set forth above I recommend that section 22 of the Milk Ordinance be repealed entirely and that the sale of whole milk only be allowed in this city.

I think it would also be advisable to raise the minimum legal limits of composition for milk and cream to the standards recently fixed for these products by the United States Department of Agriculture. A product containing only twelve per cent of butterfat is not worthy of the name of cream. The United States Department of Agriculture defines standard cream as "cream containing not less than 18 per cent of milk fat."

That part of section 6 requiring that samples taken by inspectors be sealed might also be stricken out to advantage. The sealing process consumes a great deal of time and really affords no protection to anyone. The honesty of the inspector must be relied on in the end. The inspector must always be present in court anyway and can be cross-questioned by the defense as to possibility of the sample having been tampered with previous to its delivery to the analyst.

Provisions should also be made for the monthly publication in the daily papers of the results of the examination of all samples of dairy products collected by the inspectors and of all dairy inspections.

The dishonest or uncleanly milk vendor fears publicity more than a money fine and all milk producers and dealers would then be given an incentive to improve their premises in order to get good reports.

We have observed one very interesting fact, namely, that comparatively little milk of an inferior quality is being sold in those districts of the city where a large number of families keep a cow for their own use and dispose of the surplus among their neighbors. This fact is very significant. It suggests a new method of improving the milk supply of cities, that is, by teaching the buyers of milk how to judge it by its appearance and taste, so far as this is possible. This could be done by demonstrating to the domestic economy classes in the public schools, where the proper manner of keeping and handling milk in the household should also be taught.

The St. Louis Pure Milk Commission:

It was at the request of this department that the St. Louis Provident Association took the initiative in organizing the St. Louis Pure Milk Commission. This society was formed for the purpose of reducing the mortality from that class of diseases caused by the consumption of impure and unclean milk. To this end it will distribute clean milk, modified and pasteurized on the prescription of a physician, to the poor at a nominal price or when necessary free of charge. At this date it has collected $4,700 by voluntary subscription to carry on this work.

Mr. Nathan Straus of New York, upon request from this department, has donated the apparatus and other material necessary to equip the modifying and pasteurizing laboratory. At this writing the installation of the plant in quarters placed at the disposal of the commission by the St. Louis Provident Association is complete. The opening ceremonies take place June 28th, 1904. As soon as practically aseptic milk can be obtained the pasteurization of this milk will be discontinued, and the modified aseptic milk will be distributed instead.

The commission proposes also to certify to the quality of the milk of any producer who contracts to furnish milk under the supervision of the commission's experts.

Later on the Commission will probably take up other work such as for instance the conduction of a model demonstration dairy farm to supply aseptic milk for its own laboratory and for demonstration of the methods of producing such milk to dairymen.

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PRODUCTION OF CLEAN MILK FROM THE PRODUCER'S STANDPOINT.

It has been the experience of those in charge of milk inspection everywhere that it is difficult and often impossible to force a dairyman to improve the condition of his premises and methods of keeping and dispensing milk by process of law beyond the point where they are no longer a grave and constant menace to the public health, and breeding places for epidemics and contagious diseases.

R. A. Pearson, formerly Assistant Chief of the Dairy Division of the Bureau of Animal Industry, U. S. Department of Agriculture, and now Professor of Dairy Husbandry at Cornell University, in an address before the Albany Medical Society, bearing a title similar to that of this paragraph, says:

"The improvement of the city milk supply is a question in which I am intensely interested and it is very encouraging to find such a representative gathering of persons in this city who have come here to listen to the discussion of this subject, which is supposed to be one of small importance, or at all events one which should be relegated to a comparatively few persons. Really it is a subject in which every one should be interested.

"My paper takes up the subject from the producer's standpoint. There is much that I would like to say from other standpoints, but I have confined what few remarks I shall make to the viewpoint of the producer.

"One of the reasons why there has not been more advance in the movement for better market milk undoubtedly is, that the question is too seldom considered from the producer's standpoint. People say "we should have purer milk," and they seem to think the producer should act at once upon the suggestion. Although they may go to great length to show how pure milk should be produced and handled it is seldom that they consider what this means to the producer. It is strange that this is the case because no improvement can be effected in the character of any article without the interest and co-operation of the manufacturer or producer. And when an attempt is made to work out the problem in such a one-sided manner it is doomed to end in failure.

"There are at least four influences that are respected by milk producers and it may be profitable to consider them briefly. They are (1) Legal regulations, (2) Intelligent public opinion, (3) The example of high class dairies and (4) Endorsement by responsible persons.

"Reasonable and well-enforced laws and ordinances are not objected to by well-meaning dairymen as they see the advantage of suppressing undesirable practices. Carefully compiled data show that in towns where the milk regulations are strict and well enforced, the average per capita use of milk much exceeds the same in towns where it is known the authorities are doing little to protect the milk supply. In Rochester, New York, where about four thousand dollars are expended annually for the supervision of the milk supply and some thousand milk samples are examined both chemically and bacteriologically each year, the average daily use of milk amounts to about eighty-three one-hundredths pint per capita; while in St. Louis,* Missouri, where less than two thousand dollars are expended annually for the supervision of the milk supply and only a few hundred samples of milk are examined chemically and bacteriologically and where it is officially admitted that the milk regulations are not well enforced, the average daily use of milk amounts to only about thirty-seven one-hundredths pint per capita. Just and well-enforced laws are not objectionable. They increase public confidence in milk and thus increase the demand for it. It would be well to add here that by "well-enforced" we mean enforcement by an officer who is in sympathy with all honest efforts to improve the milk supply and who does not labor under the belief that all persons engaged in producing or

*This refers to the milk inspection under the old ordinance previous to August, 1902.

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handling milk are necessarily by nature law breakers. There are in office a few persons of this latter class and it may often be said their work is useless or worse than useless, regardless of the character of the law they are called upon to execute.

"Dairymen would welcome an extension of the laws so as to stop a certain kind of dishonest competition practiced by a few which results in greatly retarding the advancement of the industry—the making of unwarranted claims regarding the quality of milk offered for sale. Those who go to the trouble and expense of equipping and conducting their dairies in such a manner as to greatly reduce the bacterial contamination of their milk and proceed to advertise this fact for the purpose of gaining trade, have a just grievance when unscrupulous persons come forward with the dishonest claim that they, too, are exercising the same care in all respects and offer to sell their milk at a price for which it could not be sold if produced as asserted. It may be said that the same is true in respect to all commodities. It is; but to a much less extent than in the case of milk. Generally the quality of an article is more or less evident even to the casual observer. But the quality or wholesomeness of marketable milk cannot be known from its appearance. Probably milk can be adulterated or contaminated to a greater extent than any other food product without causing a change in its appearance. This fact in connection with the fact that milk is generally used raw and it is depended upon for nourishment particularly by those in greatest need of pure food, should be reasons enough for taking measures to lead to the improvement of the milk supply that might not be resorted to with other foods.* There is nothing so discouraging to the man who tries to market high grade milk as competition of the kind referred to. He can compete with milk produced in an ordinary manner and sold at a lower price but it is most discouraging to have to compete with that cheap milk when it is loudly proclaimed to be produced with care that was never exercised. Some time ago the Keystone Veterinary Society of Philadelphia carefully investigated a number of dairies that displayed prominently such signs as "Hygienic Milk," "Veterinary and Sanitary Inspection" and the like. It was found that these statements were first used by persons who had some good reason for using them but to prevent losing trade other dealers soon adopted them although they had no right to do so. Some of these latter did not even know the meaning of the words they used.† Some claimed to be their own sanitary inspectors. Some frankly acknowledged their dishonesty. It would seem that a legal method could be devised for checking such reckless and harmful advertising.

"Dairymen would welcome also the enactment of regulations regarding the care of milk bottles when in the possession of the customer. The neglect and abuse to which these milk vessels are subjected by some persons are shameful. The case is like this: The dairyman or dealer goes to the expense of providing the most sanitary and expensive milk package available. Many of these are appropriated for various household purposes; many are broken. Many find their way to the ash dumps but some of these are finally picked up and returned to their owners. The losses on these accounts are very heavy; some estimate that the average life of a bottle will not exceed seven deliveries. But the worst of all

*The fact that any germs accompanying dust or dirt which happens to fall into milk will grow, multiply rapidly and disseminate throughout the whole of the milk while on a solid food they will only grow slowly on the surface is another reason why milk must be more closely safe-guarded than other foods.

†Some flagrant instances of this have come to our notice. One dealer with a fine wagon and horses had the words "Sanitary Department, Special Milk for Babies," prominently painted thereon. When his place was visited it was found that he had a thermometer but had ceased using it years ago and an old duty cooler, which he had also ceased using. One of our best downtown restaurants has the following item on its bill of fare: "Milk (sanitary attested), 10 cents a bottle." On asking the manager how this milk was attested, he said it must be good because it came in sealed bottles, and that he believed the city authorities tested it. It was ordinary market milk of good quality chemically.

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is the condition of many jars when they are returned to the dairyman or dealer. Much good might follow the enactment of an ordinance requiring the proper care of milk bottles and their prompt return except when they have been exposed where a contagious disease exists.

"Public opinion was mentioned as an influence that would be respected by dairymen. If the public should insist upon having a better grade of milk than it now gets, improvements would be made very quickly, but the fact is there is little general complaint about the character of our market milk. Many persons do not use milk because they have been unsuccessful in finding a satisfactory supply and others use as little as possible for the same reason. But only a few of these are making efforts to procure good milk, thus bringing to bear pressure for a better supply. Occasionally a little general interest in the question is aroused but it quickly subsides. The great demand is satisfied with milk that is not sour and that contains a fair proportion of cream. Little stress is placed upon the importance of having it clean. As a rule the consumer shows absolutely no interest in the sanitary condition. All milk looks alike and tastes alike to most people whether it was produced under sanitary or unsanitary conditions and these matters are not considered. A most remarkable feature of the case is the position or lack of position taken by institutions buying on contract, especially hospitals. As a rule these institutions buy their milk without stipulation as to sanitary quality. To the average consumer and dairyman this is proof that the present milk supply is good enough. They say it must be good enough if it is used in institutions established for curing the sick and often seemingly spending money without stint in whatever way it is believed such expenditures will be of benefit to the sick. Naturally in all matters of health the public looks to physicians and to institutions conducted by physicians for example. When they see care being taken in these quarters in the selection of milk then will they themselves take more care. Unquestionably one great reason why there is not more sanitary milk produced today is that there is not more demand for it. Well-to-do and responsible dairymen are today sending to the city milk of average quality and they would be glad to make the few necessary changes in equipment and management of their places to enable them to produce high-grade milk if they could find an outlet for it at a sufficiently advanced price to pay the increased cost of production. Unfortunately few wholesalers want such milk because few retailers want it and few retailers want it because few of their customers call for it.

"The example of well-conducted dairies was mentioned as an influence toward better milk. It is a strong influence. Along with their other benefits, such dairies have the effect of educating the public and they have done much in this way. When they have been well conducted and have persisted through more or less serious temporary difficulties which seem bound to occur with most plants of this kind, they have almost always flourished. And it is a noticeable fact that at other dairies, especially those nearby and competing there is a decided tendency toward improvement.

"The fourth agency working toward better milk is the Milk Commission. Several years ago I was strongly of the opinion that by this means much would be done toward the improvement of our market milk. I am still of the same opinion and think this is justified by present conditions. A few Milk Commissions are in operation and doing good work. The results of their work which can be exactly measured sometimes seem small, but when we remember that the idea is a comparatively new one and compare what they are doing today with the conditions of twelve or fifteen years ago, it is seen that much has been accomplished. Sometimes the Commissions are criticised as being too far advanced, but persons who take this position overlook the good effects of their work as an educational agency.

"There is no doubt that dairies not known to the Commissions are benefited by them, and certainly the public is being slowly educated. It is probable that the Commissions should be better supported in some

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cases, especially by physicians who most appreciate the value of their work. It is possible also that the Commissions might in some cases properly give more encouragement to the dairies they control. The theory that the best dairies should be supported is a sound one. One of the first reasons is that this helps to remove unfair competition such as has been mentioned. Another reason is that the average quality of market milk can be raised as well by encouraging the good as by punishing the bad. Of course also we should add that for their own information physicians should take steps to learn which are the most reliable dairies.

"We have mentioned four of the influences for better market milk. All of these are forcible but no one will have the force it should have unless there is a willingness on the part of the purchaser to pay a fair price for quality. We know what it means to produce milk in such a manner as to exclude unnecessary contamination and it is not required to rehearse here the many details that must be looked after when contamination and fermentation are being reduced to the lowest practicable limit. They may be summed up in the words cleanliness and low temperature. Any dairyman within easy reach of a city can market his milk at the regular market rate without exercising unusual care in its production and handling. It is not natural to think he will increase the cost of his operations unless it is made profitable to do so. It is of course to his own interest to have a sanitary stable, healthy cows and to use wholesome feeds, but he should not be expected to keep his cows scrupulously clean, discard foremilk and sterilize utensils unless he is paid for doing these things. One-half to one and one-half cents additional per quart would cover the cost of many desirable improvements. A campaign for better milk therefore, should have a special department charged with the education of the public as to the increased money value of better milk. I believe that dairymen will be found ready to respond to a demand for sanitary milk accompanied by a willingness to pay for it.

TYPHOID EPIDEMIC TRACED TO A DAIRY.

A small epidemic of typhoid (29 cases) was traced to a dairy in October last. The facts were reported to the Board of Health at the time, and the dairy was condemned. The conditions which caused this epidemic are outlined below.

A small lot (30x110 at the outside) was made to accommodate the dwelling house, so-called milk house and the wagon and horse and the cow-barn. There was absolutely no cow-lot or pasture, the cows were tied in their stable when they came in fresh from the country and remained there until they dried up and were fattened for the butcher. There was a foul smell in the barn, it was ill-ventilated and poorly lighted. I visited the place three times when the weather would have permitted all the windows to be wide open, but always found them nearly closed. There were seven stalls on either side of the narrow central feeding alley. The stalls were of the poorest construction so that the cows were compelled to lie in their own manure continually and it was practically impossible to keep them clean. Some of the cows were lying in their own dung every time I entered this barn and the others bore unmistakable evidence of having thus lain, previous to my entrance. The proprietor said it was impossible to keep the cows clean and I certainly did not doubt his statement under the conditions.

It is a well-known fact that wherever there is a large dry cow-lot or pasture, part of which is covered over to shelter the cows in inclement weather, and in which the cows are allowed to stay day and night in the summer, the cows keep themselves clean. Furthermore there are a number of modern forms of stall constructions which keep the cows lined up over the manure-gutter so that their manure falls in the gutter instead of on the stall platform, where the cows must lie in it, as it does in poorly designated stables. These two features, a large well drained cow-lot or pasture, part of which should be covered, and a rational stall construction should be insisted on in every dairy, because

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the cows will not be kept clean without them. The large clean cow-lot will at least insure comparatively clean milk during the summer months when there is so much sickness among children from unclean milk.

But the worse feature found in this dairy has not been touched on as yet. At the farther end of the stable stood the doorless family privy mounted directly over the catch-basin. At the near end and just over the manure-gutter there was a small privy for the use of the children. Thus the faeces of the children swept down the open manure-gutter through the entire length of the barn behind the whole row of cows. The cows lying down would get their tails in the faeces of the children and in switching flies spread it over their bodies where it would fall into the milk during milking.

The methods of handling the milk in the dairy were even more primitive and unsanitary than the barn itself. The milk was cooled by lowering it in an uncovered can into a deep cistern which is filled with river-water once a year. Of course any amount of dirt from the sides of the cistern fell into the milk. Water could also get into the milk by splashing or tipping the cans. The water from this cistern was analyzed and found to be contaminated.

The cans and other utensils were never sterilized. The methods of cleaning the utensils was as follows: The utensils were rinsed with cold water, then cleaned with warm soda or soap solution and finally rinsed with cold water from a city hydrant, instead of there being a final scalding or steaming.

Similar conditions obtain in fifty or more other dairies in this city and any of them might be the means of spreading an epidemic of contagious diseases at any time. If these places cannot be condemned under the present ordinance, I would recommend that a new ordinance be drawn up which among other things requires every dairy to have, (1) A certain number of square yards of well drained and partly-covered exercise space per cow, (2) Modern well-designated stalls and (3) Adequate facilities for cleaning and sterilizing utensils.

Concerning Food Analysis in General:

Three reports have transpired within the last year which ought to give a great impetus to pure food legislation.

First:—The British Royal Commission appointed to inquire into arsenical poisoning from consumption of beer and other articles of food and drink, have made its final report after two years of thorough investigation.

The commission found that in the latter part of 1900 certainly 6,000 and probably a greater number of persons living in the north of England had suffered in consequence of an epidemic of arsenic poisoning due to arsenic in beer. Seventy deaths were attributed to arsenic consumed in beer and it was considered likely that a great many more deaths, falsely diagnosed, were really due to the same cause.

The commission described, (1), the symptoms of poisoning due to arsenic in food, which it seems are very similar to, and often confused with those of alcoholic neuritis; (2), it discusses the most reliable methods of determining the quantity of arsenic in food; (3) enumerates the ways in which foods are liable to become contaminated by arsenic; (4) it recommends precautions which should be taken by manufacturers to exclude arsenic from foods; (5) it recommends improvements on existing methods of official control over the purity of food; (6) it unanimously declares that the presence of 1-100 of a grain (1 part in seven million) or more of arsenic in a gallon of liquid food (drink) and the presence of 1-100th of a grain or more of arsenic per pound (1 part in seven million) of solid food should make the vendor liable to a penalty under the "Sale of Food and Drugs Acts."

Second:—On June 3rd, 1902, the Congress of the United States approved an act authorizing the Secretary of Agriculture to establish standards of purity for food products. After getting the counsel and advice of the Committee on Food Standards of the Association of Official Agricultural Chemists, or other experts, and of the trade interests in-

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volved, Secretary Wilson, on November 20th, 1903, proclaimed and established a set of standards for purity of food products, together with definitions of these foods. He was guided by the following principles in this work:

PRINCIPLES ON WHICH THE DEFINITIONS AND STANDARDS ARE BASED.

The general consideration which have guided the committee in preparing the definitions and standards for food products are the following:

1. The main classes of food articles are defined before the subordinate classes are considered.

2. The names of various substances for which standards are proposed are defined.

3. The definitions are so framed as to exclude from the articles defined substances included in the definitions.

4. The definitions include, where possible, those qualities which make the articles described wholesome for human food.

5. A term defined in any of the several schedules has the same meaning wherever else it is used in this report.

6. The names of food products herein defined usually agree with existing American trade or manufacturing usage, but where such usage is not clearly established or where trade names confuse two or more articles for which specific designations are desirable, preference is given to one of the several trade names applied.

7. Standards are based upon data representing materials produced under American conditions and manufactured by American process or representing such varieties of foreign articles as are chiefly imported for American use.

8. The standards fixed are such that a departure of the articles to which they apply, above the maximum or below the minimum limit prescribed, is evidence that such articles are of inferior or abnormal quality.

9. The limits fixed as standard are not necessarily the extremes authentically recorded for the article in question, because such extremes are commonly due to abnormal conditions of production and are usually accompanied by marks of inferiority or abnormality readily perceived by the producer or manufacturer.

Third:—The Bureau of Chemistry of the United States Department of Agriculture has completed that part of its experimental investigation to determine the effects of preservatives in foods on human health and digestion, which relates to the use of boracic acid and borax. The following brief statement of the conclusions arrived at is taken from the 1903 Year Book of the United States Department of Agriculture:

CONCLUSIONS.

The detailed discussion of the data obtained in this experiment, together with the conclusions derived therefrom, will be found in a bulletin of the Bureau of Chemistry soon to be issued. Some of the more salient points, however, which are brought out by the experiment may be mentioned.

(1). The addition of small quantities of borax or boracic acid to the food of healthy subjects, even for a considerable period, extending in some cases to fifty days, produces a slight disturbance in the digestion and assimilation of the food.

(2). In larger quantities the effect produced upon different individuals varies. In some cases large quantities are tolerated with apparently little inconvenience, while in other cases, when the amount given daily reaches 2 or 3 grams, somewhat profound disturbances of normal conditions are developed. These disturbances are manifested by a feeling of depression and discomfort, attended very frequently by a dull and continued headache, with a sense of fullness in the head. In no instance even when large doses were administered did either borax or boracic acid produce any pronounced symptoms or diarrhea or diuresis.

(3). When pushed to the limit of toleration the quantities of the borax or boracic acid which produces nausea, vomiting and loss of appe-

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tite vary greatly with the individual. In some cases these symptoms were produced by from 3 to 4 grams daily, while in other instances these quantities could be tolerated.

(4). The elimination of the added borax or boracic acid is accomplished mostly through the kidneys. The merest traces of the indigested substances are found in the feces and considerable quantities in the perspiration.

(5). The effect of the added preservatives upon the metabolic processes is of such a character as to be properly discussed only in connection with the analytical data relating thereto, and this discussion will be found in the proposed bulletin.

(6). By reason of the different degrees of susceptibility to the influences of these added substances manifested by different individuals, it is evident that it is impossible to foretell in any given case what effect may be expected. For this reason the protection of those more sensitive to the influences of these preservatives seems to be a wise and just measure. Hence, without concluding from this experiment that the use of boracic acid and borax in food products should be absolutely prohibited, it is evident that if they are employed proper notice of the fact should be given to the consumer, either on the labels of the package or otherwise.

In this connection I wish to call attention to the finding of the British commission on arsenic poisoning, which points out that borax and boracic acid are likely to contain considerable quantities of arsenic, an additional reason for prohibiting its use in foods.

These reports furnish a safe basis for pure food legislation and I recommend that the Board of Health appoint a committee to begin work on a set of pure food laws for this city and in the meantime bring the facts, brought out in the above mentioned reports, to the notice of the food manufacturers of this city. They emphasize the importance of keeping foods chemically pure as well as bacteriologically pure, and this at a time when some hygienists were beginning to belittle the importance of examining foods chemically as compared with the bacteriological examination of foods.

WATER SUPPLY.

The Water Department of this city has long been seeking a cheap and efficient means of purifying the city's water supply. The Water Department is now using a method which is inexpensive and surprisingly efficient. It consists in the use of a coagulant (ferrous sulphate and lime) in conjunction with a system of settling basins and six weirs.

The following table shows the percentage of removal of suspended solids just before and after the inauguration of the present method of purification. The percentage of removal just previous to March 22nd are probably somewhat higher than normal, as three of the six weirs were already being used about that time. The exact data when the different weirs were being used could not be ascertained.

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BEFORE COAGULATION.

Week Commencing—	Suspended Solids In Water Distributing Well.	Suspended Solids In Water From Outlet.	Suspended Solids In Water From Office Tap.	Percentage Removal of Solids Between Dist. Well and and Outlet.	Percentage Removal of Solids Between Dist. Well and Office Tap.
Feb. 29th	273	154	110	43.5	59.7
March 14th	475	152	105	68.00	77.9
Average				55.8	66.8

AFTER BEGINNING OF COAGULATION MARCH 22nd.

March 28th	3494	227	160	93.5	95.4
March 28th	2137	89	160	95.8	92.0
April 4th	695	64	137	90.8	80.3
April 11th	1490	56	51	96.2	96.5
April 11th	2480	91	51	96.3	97.9
April 18th	3211	279	53	91.3	98.3
April 25th	2842	97	106	96.6	96.2
May 2nd	1727	78	68	95.5	96.1
May 9th	1523	23	47	98.5	96.2
May 16th	608	33	129	94.6	78.3
May 23rd	1431	55	43	96.1	90.0
May 30th	4048	57	43	98.5	98.9
June 6th	3076	39	30	98.7	99.0
Average	.....	.....	.....	96.6	94.4

The Chain of Rocks samples were taken on Fridays, except Monday, March 28th, and Tuesday, April 12th, on which days an additional set of samples were taken for that week. The solids in the tap sample were done on Wednesday except when those days were holidays, when they were done on the next following work day.

NOTE.—As we do not know how long it takes water to get to the tap from the distributing well, we were not able to get the same water at the tap and at the Chain of Rocks. This accounts for the fact that our figures show a greater removal of suspended matter between the distributing well and outlet than between the distributing well and the tap.

The report of the City Bacteriologist shows that the removal of bacteria goes hand in hand with the removal of suspended solids.

It is also certain that the permanent hardness is not materially increased by the addition of the coagulant. But the temporary hardness is markedly decreased in result of the precipitation of calcium bicarbonate as calcium carbonate by the lime in the coagulant.

The chart in appendix C also shows that a large proportion of the suspended albuminoid ammonia is being removed with other suspended organic matter, for the last great rise in the Mississippi and tributary rivers entering north of here was not accompanied by the rise in suspended albuminoid ammonia which usually accompanies a great rise of the rivers due to surface water.

The results also indicate a partial removal of dissolved albuminoid ammonia. This observation needs further confirmation, however. It is not possible to draw any further conclusions as to the effect of the coagulant on the water supply without further study. The effect of the coagulant and weirs on the dissolved gases will also be studied during the ensuing year.

Although the city water is now being greatly purified by the Water Department at the Chain of Rocks it is well to bear in mind that the city water cannot yet be pronounced a **safe** drinking water and consumers

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should be warned against relaxing home purification of the water by boiling, in consequence of a false feeling of safety awakened by the immensely improved appearance of the water.

On the other hand our analyses of well and cistern waters in the city show that this class of water is likely to be far more unsafe drinking water than city water. It should not be used for drinking purposes unless it has been analyzed and then only after it has been boiled, for the analysis does not guarantee freedom from future contamination.

QUARANTINE STATION WATER SUPPLY.

Six series of samples were taken at Quarantine Station, five during July and August, when the river stood from 14 to 19 feet above low-water mark, and one series in January, 1904, when the river was very low, being six feet above low-water mark.

The results of the analyses of this water always agreed very closely with the results of analyses of water taken simultaneously at the Chain of Rocks at a point about as far from shore as the intake at Quarantine Station. It seems, therefore, that no appreciable quantity of St. Louis sewage enters the Quarantine Station water supply.

In conclusion I wish to say that the efficiency of the department is being constantly increased by small changes in the routine of inspection and analysis and by improvement of the laboratory. We are now (May-June, 1904) collecting and analyzing samples at the rate of eight thousand per annum besides inspection work and forcing the question of proper refrigeration of milk in transportation by railroads.

The faithful and painstaking and often self-sacrificing work of my staff have alone made it possible for me to carry out the work outlined in this report, and it gives me great pleasure to thank and commend them. Their names will be found at the head of this report.

Respectfully,

(Signed) WALTER BERNAYS, M. D.,
City Chemist.

APPENDIX A.

Table showing improvement in the milk supply since the beginning of the milk inspection, on November 25, 1902, as shown by the decreasing percentage of samples which fall short of the requirements of the milk ordinance.

These figures do not represent the actual condition of the dairy products supply of this city, because the inspectors were instructed to take samples more frequently from those vendors who had once violated the law and still more frequently from persistent violators of the law. With the exception above mentioned the inspectors were told to take samples quite indiscriminately from all wagons they come across. Owing to the immense area (61 square miles) covered by the city and to the fact that many of the small dealers dispose of their milk in a short time, it was often impossible to catch a dishonest dealer at will.

The improvement of the milk supply shown in the table is additional to that improvement which the mere passage of a good law and the fact that it was being strictly enforced, had brought about.

One dealer told me to-day (June 30th) that previous to the passage of the present milk ordinance he had made it a regular practice to add borax to milk and that many large companies had formerly bought borax by the barrel. The publicity given to the convictions rather than the small fines themselves have produced the improvement noted in the table below.

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COMPARATIVE TABLE OF RESULTS OF ANALYSES OF DAIRY PRODUCTS, MADE IN THE LABORATORY OF THE CITY CHEMIST'S OFFICE.

MILK.	Period Beginning Nov. 25, '02, ending July 31, '03.	August, 1903.	September, 1903.	October, 1903.	November, 1903.	December, 1903.	January, 1904.	February, 1904.	March, 1904.	April, 1904.
Samples containing more than 3.6% of fat	55.2%	57.9%	59.5%	64.6%	80.1%	76.0%	73.0%	77.5%	77.1%	72.2%
Samples containing between 3.0 and 3.6% of fat	26.4%	28.5%	36.3%	30.8%	16.0%	21.1%	25.0%	21.1%	19.4%	23.6%
Samples containing less than 3.0% of fat	18.4%	13.5%	4.2%	4.6%	3.8%	2.9%	1.7%	1.3%	3.4%	4.1%
Samples containing less than 8.5% non-fatty solids	20.8%	29.3%	16.8%	6.3%	8.5%	4.1%	12.0%	6.4%	6.8%	8.8%
Samples containing a preservative	4.2%	3.2%	2.4%	0.0%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%
Samples containing artificial coloring matter	1.7%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%
Samples containing excessive amount of dirt or showing evidence of decomposition	5.9%	5.5%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CREAM.										
Samples containing less than 12.0% of fat	10.4%	11.6%	13.3%	12.3%	8.4%	4.2%	5.9%	4.6%	6.6%	3.6%
Samples containing a preservative	6.7%	7.9%	4.6%	2.9%	2.9%	0.0%	5.9%	0.8%	0.7%	0.6%
Samples containing artificial coloring matter	3.9%	1.4%	0.0%	3.5%	0.0%	0.0%	0.0%	0.8%	0.7%	0.6%
Samples containing excessive amount of dirt or showing evidence of decomposition	8.9%	5.1%	2.3%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SKIMMED MILK.										
Samples containing less than 1.5% of fat	8.3%	6.9%	5.5%	5.7%	4.6%	0.0%	0.0%	1.4%	0.8%	1.5%
Samples containing less than 10 5% of total solids	27.8%	38.9%	13.3%	20.5%	20.3%	15.5%	20.0%	12.7%	15.2%	10.5%
Samples containing a preservative	6.1%	6.9%	4.6%	3.3%	1.2%	0.0%	0.0%	0.0%	0.0%	1.5%
Samples containing artificial coloring matter	3.0%	0.0%	0.0%	4.9%	0.0%	0.0%	0.0%	1.4%	0.8%	0.0%
Samples containing excessive amount of dirt or showing evidence of decomposition	6.2%	4.2%	2.3%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Samples of all products taken at a temperature above 50° Fahrenheit	6.1%	8.9%	7.0%	2.3%	4.1%	0.0%	0.0%	0.0%	5.2%	8.3%

APPENDIX B.

Detailed Report on the Examination of Dairy Products.

Results of Examination of Dairy Products, Arranged Alphabetically, According to the Names of the Vendors From Whom the Samples Were Obtained.

This department has been repeatedly asked by residents to recommend a reliable milk dealer. All such requests have, of course, been refused. I recommend, however, that this report be given the widest publicity. The discerning reader will then be enabled to select a milk dealer who may be counted on to furnish an unadulterated product.

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I realize that freedom from adulteration is only one of the factors which determines the value of dairy products. The cleanliness of the surroundings under which it was produced and the manner of handling it after drawing it from the cow and until delivered to the consumer as measured by the number and character of the bacteria in the milk being the chief factor in determining the wholesomeness and consequently the value of market milk. Proper refrigeration and cleanliness are the most important factors in determining the value of milk.

I do not deem it advisable, however, to publish the results of the inspections of dairy premises and methods of handling milk this year, because, owing to the insufficient number of inspectors at my command we have not been able to make a sufficient number of thorough inspections on which to base an equitable report. Some dairies having been inspected under much more unfavorable conditions of weather than others.

Furthermore the City Bacteriologist has been so overloaded with other work that we have not called upon him to do any considerable amount of work on milk this year. He now has two assistants and we hope that he will be able to collaborate more extensively with this department during the year 1904-1905.

Next year (1904-1905) the conditions of dairies and methods of handling milk at each dairy in the city will be reported on. We hope that a knowledge of this fact will cause all of the dairymen to make extensive improvements in order to get a good report in these pages next year.

This department has not received as much support from the public as it has expected to get. The lack of public interest in, or distrust of the work of this department, as measured by the number of requests for information regarding the quality of milk is very discouraging and deplorable, in view of the large amount of information which has been collected here.

If consumers made more extensive use of the privilege—section 8—the City Chemist shall examine, test or analyze, as may be deemed necessary, any sample of milk or cream that may be submitted for examination by any citizen, when the same has been bought for his own or family consumption—afforded them by the milk ordinance of having samples of dairy products analyzed free of charge at this laboratory, they would in addition to getting information about their dealers afford me an excellent check on the work of the inspectors.

For, although I believe our milk inspection system compares favorably with that of other cities, whose system of inspection I have seen or read of, it is well to bear in mind that even under the best system a corrupt inspector could, for instance, be bribed to notify a dealer to meet him at a certain place and time, when the dealer will have only good milk on his wagon and thus vitiate our efforts to secure good milk for this city.

Such collusion between inspectors can only be obviated by having a check on the inspector, through comparison of records of samples brought in by consumers for their own information with those obtained on samples collected by inspectors. These words should not convey the impression that I suspect any of the inspectors now connected with this department of any corrupt practices. On the contrary I feel that I am very fortunate in having two inspectors who are really interested in the improvement of the city's milk supply.

The consumer could also help us in many other ways, as, for instance, demanding that milk be delivered to him at less than 50 degrees F. each day, and refusing it when it is delivered at a higher temperature.

The table below gives the result of the examination of all samples taken by inspectors since the beginning of the milk inspection on November 25, 1902. Numerous samples examined for and brought in by dairymen are not included in this list as we have no guarantee that the samples were taken in such a manner as to be representative of the bulk from which they were taken.

The headings to the table need no further explanation.

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NOTE.—Where two names are given, the first is the vendor's name and the second is the trade name used on the wagon.

ERRATA.—Since making out this report we have learned that the following dairy, entered under the name of its former proprietor, has since been incorporated. The Rosamond Dairy Co., now incorporated, is entered under the name **LOEB** in the table, whereas it should be entered under **ROSAMOND.**

APPENDIX C.

The following chart presents the results of the analyses of samples of water taken from a tap in the City Chemist's office daily (holidays excepted) during the period beginning April 1st, 1903, and ending May 5th, 1904, together with the stages of the Illinois, Missouri and Mississippi Rivers.

Determinations were made daily of all constituents or values which afford an insight into the amount of sewage pollution and the state of decomposition of the organic matter in the water. Weekly determinations were made of the same constituents and values in samples taken in the river and the various basins at the Chain of Rocks water works beginning February 29th, 1904.

During the period beginning March 23rd and ending April 28th, an immense amount of nitrification (oxydation of ammonia) took place in the mains. The nitrification ceased before an entirely satisfactory explanation for it could be found. It was probably due to the growth of nitrifying soil organisms which found favorable conditions for their growth while other organisms finding the conditions uncongenial were rapidly diminishing. The largest quantity of nitrites found in the water during the period was 150 parts per million. Similar large quantities of nitrites were found in samples taken from taps in different sections of the city. The amount of nitrites at different points varied widely. The amount of nitrites in samples from the river and throughout the water works system at the Chain of Rocks remain practically constant at from 20 to 30 parts per million, a very high figure. The amount of nitrates in the tap samples were uniformly higher than in the Chain of Rocks water works samples, while the quantity of ammonia was always considerably lower in the tap samples than in the samples taken throughout the Chain of Rocks during this period.

APPENDIX D.

Dissolved Solids in Tap Water.

The following is an analysis of the dissolved solids in a sample of tap water taken from a tap in this office about a month after the coagulant was first used. The rivers were high at the time this sample was taken and the river water was largely diluted by rain and surface water, containing comparatively little dissolved solid matter. In December and January, when the rivers are very low and contain relatively much more ground water, the dissolved solids ran more than twice as high as in this sample. The sample was filtered through a Pasteur-Chamberlain tube and was perfectly clear. The water contained 81.4 parts of suspended solid matter.

RESULTS IN PARTS PER MILLION, OR MGR. PER LITER.

Total residue on evaporation	148.7
Loss on ignition	32.4
Silica (SiO_2)	8.6
Lime (CaO)	36.0
Magnesia (MgO)	4.2
Oxides of iron and aluminum (Fe_2O_3&Al_2O_3)	0.6
Sulphuric acid (SO_3)	29.4
Nitric acid (N_2O_5)	3.1
Carbonic acid (fixed) (CO_2)	17.0
Chlorine	5.9
Soda (Na_2O)	10.9
Potassa (K_2O)	3.5
Nitrous acid	trace
Ammonia	trace
Phosphates	absent
Sum.	151.6
Oxygen equivalent to chlorine found	2.7
Solids solution by adding separate constituents found	148.9

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At the meeting of the Board of Health held July 1st, 1904, on motion made and duly seconded, the foregoing report was referred to the Committee on City Chemist's Office. On July 7th the committee reported back the report of the City Chemist with the following recommendations:

St. Louis, July 7th, 1904.

To the Honorable Board of Health,

Hon. Rolla Wells, Mayor and Presiding Officer.

Gentlemen:—The undersigned committee of the board for the City Chemist's office, to whom was referred the annual report of the City Chemist, with directions to report on recommendations embodied therein, beg leave to submit the following:

As to the intent and purpose of the recommendations, as a whole we think they should meet the approval by the board. As to the remedies proposed for the defects in the existing law, we think some are open to question. We specify recommendations with comment:

Page 3: The appointment of an attorney to give his full time to the preparation and trial of cases against milk vendors for violation of the law, and thus save the time of the office force waiting for cases to come to trial in court. The purpose we endorse, but believe that the legal department should detail an attorney for that and similar needs in the Health Department.

Page 4: The repeal of the license section and substitution of an identification number for all vendors: We believe this matter can be more intelligently corrected after the higher court has acted on the legality of the section in question. It might then be amended if necessary.

Page 4: The prohibition of the sale of skimmed milk: It would seem that if the city cannot fix a minimum standard of composition for whole milk, which contention has to be passed upon by the courts, it would be questionable if it could legally prohibit the sale of skimmed milk. We think, therefore, this question should lie over for the court's action on the minimum limit of composition.

Page 5: Raising minimum limit of composition to that of the recently announced standard of the United States Department of Agriculture: We approve this change, but submit that it will also require the previous action of the court on the city's legal right to do it.

Page 5: Discontinuing the sealing of samples and depending on the sworn testimony of the inspector who took them: We admit that sealing of samples is not a protection against collusion between a dishonest vendor and inspector, but think it a protection to the honest vendor who wants to have an analysis made as a defense of the quality of what he sells, and, except in cases of collusion, secures to him a sample of the same milk that is taken for analysis and is a check against a careless analysis by the City Chemist's office.

Page 6: Publication of results at intervals in public prints: We believe this will be an added check on dishonesty more feared than a fine, but think it should relate to future cases, and that all vendors should be notified of such intent. We also think condition of dairies should also be reported in same manner after the board had acted on same.

Page 11: Revision of law covering stall construction, yard space and facilities for sterilizing utensils. Approved.

Appendix B: Publication of report on examination of dairy products in City Chemist's report. Approved.

The report incorporates much valuable information and we recommend its approval and publication with these comments, also that tables and charts submitted with the report be incorporated when published.

Respectfully submitted,

ALBERT MERRELL,
H. WHEELER BOND,
Committee.

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V.

BACTERIOLOGICAL DIVISION.

C. A. Snodgras.....Bacteriologist and Pathologist

St. Louis, June 30th, 1904.

Dear Sir:—I have the honor to herewith submit to you my first annual report, from April 1, 1903, to March 31, 1904.

The ordinance creating the office of City Bacteriologist and Pathologist was approved April 7th, 1902, and the oath of office was taken by me May 26th

I will not discuss the purposes of this office, inasmuch as the public mind is so alive and so well informed as to the necessity of a scientific study of sanitary problems, the accurate diagnosis and control of infectious diseases, and the aid that is to be rendered by the Pathologist in determining the conditions that exist in disease, and the cause of death as shown at autopsy.

The work of this office is herein classified into two divisions: The first includes all work that has been done by me as City Bacteriologist, the second that which has been done by me as Pathologist of the City Hospital.

The work done as City Bacteriologist is placed under the following subdivisions:

1. Examinations made for physicians.
1a. Supplying of stations with sputum, typhoid and diphtheria outfits.
2. Experiments made for Sanitary Division of Health Department.
3. Examinations for Meat Inspectors.
4. Comparative tests made upon disinfectants by request of his Honor, the Mayor.
5. Examinations made for the City Chemist.
6. Investigations ordered by the Health Commissioner.
7. Work done by order of the Board of Health.
8. Examinations made for—

Insane Asylum,	House of Refuge,
Female Hospital,	Chief of Detectives.

The work done as City Pathologist has in the main been confined to the City Hospital.

BACTERIOLOGY.

The working force of this office consists of a clerk and janitor. There has been such a great amount of routine work that we have not been able to do the amount of research work that will be attempted in the future.

EXAMINATIONS MADE FOR PHYSICIANS.

From the time of the creation of this office until July 8, 1903, we made examinations of sputum, swab cultures from the throat, and the widal test in supposed cases of typhoid, for all physicians in the city. On that date, by order of the Board of Health, my examinations of the above named specimens were confined to the class of patients who were unable to pay a private pathologist to make such examinations. The reasons given me by most members of the Board of Health for this restriction were that the working force of this office, as provided for by ordinance, was not sufficient to do the work required of it for the city institutions, and that which might be sent from all classes of patients; furthermore, that it savored of paternalism for the city to make free examinations for persons who were able to pay for them.

A large part of the medical profession did not receive this ruling kindly, and gave many reasons for their point of view, why it should be revoked. I will not set forth their reasons in this report, but may send to you a special communication in the near future.

It gives me great pleasure to state that the relations existing between this office and the medical profession are most cordial. The medical men who have called upon this office for assistance have expressed the

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highest appreciation for the promptness with which they have been notified of the results of our examinations.

The following tables show the work that has been done for the medical profession. Each specimen sent is supposed to be accompanied by a printed slip furnished by this office and calling for certain definite data. This data is not intended to aid or influence the diagnosis, but to furnish statistics that will be of value to sanitarians and medical scientists.

Upon examining these tables you will observe the incompleteness of the data that is furnished us in many cases. This incompleteness is due in part to the fact that physicians in many cases cannot get from their patients complete and accurate data; in other cases the physician is indifferent to this data, his prime and only object being the obtaining of a diagnosis of the case at hand.

The deductions that are to be drawn from these tables are not of equal value to those that can be drawn from an equal number of cases in a hospital where the clinical and scientific data can be more accurately and fully correlated. Notwithstanding the above is true, these tables will point out to the medical profession the conditions that actually exist and indicate in what way they can aid the office most in the control of infectious diseases.

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TABLE I.

THIS TABLE SHOWS THE RESULTS OBTAINED IN EXAMINATIONS MADE FOR PHYSICIANS IN THIS CITY.

	Widal Reaction.			Bacillus Diphtheriae.			Tuberculosis. Bacillus		
	Positive.	Negative.	Total.	Positive.	Negative.	Total.	Positive.	Negative.	Total.
April	40	73	113	13	27	40	20	53	73
May	54	72	126	5	40	45	25	41	66
June	54	69	123	8	26	34	34	49	83
July	40	48	88	2	4	6	22	48	70
August	43	27	70	1	4	5	22	23	45
September	64	32	96	1	4	5	17	24	41
October	41	31	72	5	23	28	17	18	35
November	21	24	45	5	12	17	11	28	39
December	23	37	60	7	31	38	9	27	36
January	14	17	31	2	9	11	6	14	20
February	11	32	43	4	22	26	18	27	45
March	16	49	65	3	24	27	15	54	69
Total	421	511	932	56	226	282	216	407	622

Total of all examinations made for physicians during the fiscal year, 1,836.

TABLE II.

	1		2	3	4		5	
	No. of specimens bearing no clinical diagnosis.		No. of specimens which gave a positive Widal and bearing some other clinical diagnosis than that of typhoid	No. of specimens which did not give a positive Widal and bearing the clinical diagnosis of typhoid.	No. of specimens with clinical diagnosis of Malaria. These are included in Columns Nos. 2 and 5.		No. of specimens in which the clinical diagnosis and bacteriological examinations agree.	TOTAL.
	Gave Positive Widal.	Gave Negative Widal.			(a) Gave Positive Widal.	Gave Negative Widal.		
April	11	26	3	16	2	1	57	113
May	19	27	8	23	.....	1	49	126
June	17	24	7	18	5	5	57	123
July	2	14	4	12	2	7	56	88
August	10	10	1	15	1	2	34	70
September	18	13	7	8	4	2	50	96
October	11	12	9	8	5	1	32	72
November	6	10	1	6	1	2	22	45
December	8	18	2	8	1	1	24	50
January	4	8	1	8	.....	.....	10	31
February.	5	16	2	4	.....	.....	16	43
March	6	23	2	10	.....	1	24	65
Total	117	201	47	136	.....	.....	431	932

REMARKS—(a) The three hundred and eighteen examinations recorded in column 1 show that physicians are using the Widal test to a great extent, for the purpose of excluding typhoid in cases where a diagnosis can not be made.

(b) Columns two and three show the number of case in which the clinical and bacteriological diagnosis did not agree. Column five shows the cases of agreement. The 431 examinations recorded in column 5 is 70 per cent of the total 614 recorded in columns 2, 3 and 5, which is the total number on which a clinical diagnosis was made. The large number of disagreement, 30 per cent, no doubt would be reduced if a second bacteriological examination was made later and another clinical diagnosis was given at the time of convalescence.

The twenty-one cases in column (a) under column IV, show that malaria does not influence typhoid statistics in a large degree.

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TABLE III.

TABLE SHOWING THE DAY OF SICKNESS ON WHICH BLOOD SPECIMENS WERE TAKEN, WHICH GAVE A POSITIVE WIDAL.

Day.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Tot'l
April	..	..	..	..	..	..	7	3	2	5	..	2	..	7	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	2	29
May	..	..	..	3	2	5	7	5	3	5	1	1	..	7	..	..	..	..	..	3	..	..	..	..	..	..	..	1	..	..	43
June	..	..	1	4	2	1	13	2	2	7	2	1	..	2	1	..	..	..	..	..	2	..	..	..	..	..	..	..	..	1	41
July	..	..	..	3	..	..	11	3	..	4	1	..	..	4	..	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	29
August	..	..	..	2	1	1	12	3	2	9	..	2	..	1	..	..	..	..	..	1	4	..	..	..	..	..	..	1	..	..	39
Sept.	..	..	1	4	4	5	14	5	..	6	1	..	..	16	1	..	..	..	..	2	..	..	..	..	..	..	..	1	..	1	61
October	..	..	1	2	3	1	7	3	..	9	..	..	1	1	..	..	1	..	..	..	3	..	..	..	..	..	..	..	..	..	32
Novem.	..	..	..	1	2	2	4	3	1	2	1	1	..	1	..	..	..	..	..	..	2	..	..	..	..	..	..	1	..	..	21
Decem.	..	..	1	1	1	1	12	2	1	2	..	..	..	4	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	26
Jany.	..	..	..	1	1	1	6	1	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	14
Feby.	..	..	..	..	..	1	1	2	..	3	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	10
March.	..	..	1	1	1	1	3	1	..	2	..	1	..	2	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	14
Total	..	..	5	22	17	19	97	33	12	54	6	8	1	48	2	..	2	..	..	8	14	..	..	..	..	..	..	7	..	4	359

REMARKS—This table shows that the third day was the earliest on which a positive Widal was obtained and that the greatest number of positive reactions were obtained upon specimens taken under the tenth day; the seventh day being the one most used.

The method used in this work was that which is known as the American or Dry Blood Method. This method is criticised by many pathologists for the reason that an absolute dilution can not be obtained. Our custom has been to make two preparations; the dilution of the first to range between 30 and 60, and the second 60 to 100. We have most excellent opportunities to compare the absolute dilution method and the dry method, and my opinion is, that for diagnostic purposes the dry method is equally as good as the absolute. Care should be taken to make the dilution sufficiently high.

This same view is held by workers in municipal laboratories throughout the country.

TABLE IV.

	1		2	3	4	5
	No. of specimens bearing no clinical diagnosis.					
	Found to be Diphtheria.	Found not to be Diphtheria.	Number of specimens found to be diphtheria, and bearing some other clinical diagnosis.	No. of specimens not found to be diphtheria, and bearing the clinical diagnosis of diphtheria.	No. of specimens in which the clinical bacteriological diagnosis agreed.	Total number of examinations.
April	3	12	3	4	18	40
May	5	21	4	3	12	45
June	1	3	2	4	24	34
July	1	3	0	0	2	6
August	0	1	1	0	3	5
September	0	0	0	5	5	5
October	6	5	0	5	12	28
November	0	6	0	3	8	17
December	2	3	1	12	20	38
January	1	0	0	1	9	11
February	1	5	0	4	16	26
March	0	4	0	0	23	27
Total	20	63	11	36	152	282

REMARKS—Columns two and three show the number of cases in which the clinical and bacteriological diagnosis did not agree, forty-seven in all. Column four shows the number in which there was agreement, one hundred and fifty-two in all. The per cent of agreement is 76.

The diagnosis of Diphtheria, from a culture carefully made, will reach almost 100 per cent of accuracy. By comparing column three with column two, you will observe that thirty-six cases which were pronounced diphtheria, clinically, did not reveal the Klebbs-Leffler bacillus upon bacteriological examination; whilst column two shows that eleven cases were diagnosed diphtheria upon a bacteriological examination, which had been clinically pronounced not diphtheria. These bacteriological examinations show that over three times as many were saved the inconvenience of disinfection as were put to the trouble unexpectedly, and the city was relieved from a considerable expense.

These statistics show that the medical profession and the householder is protected from the trouble of disinfection rather than the subjection to this inconvenience by calling upon this office for assistance.

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TABLE V.

	1		2	3	4	5		6		7	
	No. of specimens bearing no clinical diagnosis.		No. of specimens in which tubercle bacilli were found and bearing some other clinical diagnosis than that of tuberculosis	No. of specimens in which tubercle bacilli were not found and bearing the clinical diagnosis of tuberculosis.	No. of specimens in which the clinical diagnosis and bacteriological examination agreed.	No history given.		Cases with family history of tuberculosis.		Cases with no family history of tuberculosis.	
	a. Tubercle bacilli found.	b. Tubercle bacilli not found.				a. Tubercle bacilli found.	b. Tubercle bacilli not found.	a. Tubercle bacilli found.	b. Tubercle bacilli not found.	a. Tubercle bacilli found.	b. Tubercle bacilli not found.
April	8	22	2	14	27	7	27	5	13	8	13
May	10	18	1	13	24	11	19	3	7	11	15
June	7	24	7	9	36	11	21	10	6	15	20
July	10	26	2	5	27	8	19	10	8	5	20
August	2	8	2	12	21	3	5	5	11	15	6
September	3	9	1	5	23	4	4	4	7	11	11
October	3	7	2	8	15	3	8	7	2	6	9
November	4	10	.....	9	16	4	10	3	1	6	15
December	3	5	.....	6	22	4	5	11	.....	4	12
January	1	6	.....	4	9	.....	1	2	2	6	9
February	5	12	2	6	20	4	10	9	8	7	7
March	7	32	1	9	20	5	23	3	11	8	19
	63	179	20	100	260	64	152	72	76	102	156

Total 622

REMARKS—Column (b) under column one, shows that Sputum examinations are called for, to a great extent, before a clinical diagnosis can be made. This is done with a view of giving the patient, at the earliest moment, an absolute knowledge of his true condition.

The large number in column three shows that the clinical symptoms are often quite well pronounced before tubercle bacilli can be demonstrated in the Sputum.

Column five is of little value for the reason that most persons can not give a correct family history upon the question of tuberculous ancestry.

Comparing columns (a) and (b) under column six, we must conclude that persons with a family history of tuberculosis and suffering from a questionable disease of the lungs, must not necessarily be afflicted with tuberculosis.

The large number given in column (a) under column seven, shows that tuberculosis does not necessarily prey upon those with a hereditary "taint."

The date given in this table, supplemented by the records of the mortuary office, which has to do with many cases that come to this office, compels me to call attention to all health officers and the medical profession to the serious responsibility resting upon them in the control and suppression of tuberculosis.

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TABLE VI.

TABLE SHOWING THE TIME AT WHICH THE TUBERCLE BACILLI WERE FOUND.

TIME.	3 weeks.	4 weeks.	2 months.	3 months.	4 months.	5 months.	6 months.	7 months.	8 months.	9 months.	10 months.	11 months.	1 year.	2 years.	3 years.	4 years.	5 years.	6 years.	7 years.	8 years.	9 years.	10 years.	Total.
No of Cases.																							
April	..	1	4	3	2	..	..	2	..	..	..	..	3	1	..	..	..	..	..	..	..	..	16
May	1	1	1	3	..	2	3	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	13
June	1	1	1	3	..	4	2	1	..	..	..	..	3	..	1	1	..	1	..	..	..	..	19
July	..	..	4	1	..	2	3	..	1	..	..	..	4	..	..	..	..	..	..	..	..	..	15
August	1	2	4	5	2	1	4	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	22
September	..	1	3	2	2	1	3	..	..	..	..	..	1	3	1	..	..	..	..	..	..	..	17
October	..	..	..	2	2	1	2	..	..	..	..	..	2	2	..	..	1	..	..	..	..	1	13
November	..	1	1	1	1	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	..	..	7
December	..	1	3	2	1	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11
January	..	..	..	..	1	1	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	5
February	..	..	3	2	1	1	2	2	1	1	..	..	..	1	1	..	..	..	..	..	..	..	15
March	1	..	2	..	2	..	2	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	8
Total	4	8	26	24	14	14	25	5	3	2	..	..	17	12	3	1	1	1	..	..	..	1	161

REMARKS—This table shows that the tubercle bacilli can be demonstrated as early as the third week and that a large number of cases are diagnosed before the seventh month.

EXPERIMENTS MADE FOR SANITARY OFFICE.

From time to time the Sanitary Division of the Health Department has called upon this office to conduct tests upon methods of disinfection. The methods used in this city for gaseous disinfectants are quite well established and little has been done along these lines during the past year.

I was placed upon the committee of formaldehyde disinfection at the last meeting of the American Public Health Association and we are expected to report at the meeting which convenes at Havana, Cuba, this year. During the next few months I will conduct considerable work along this line, which will be set forth in my next annual report.

EXAMINATIONS MADE FOR MEAT INSPECTORS.

Occasionally the city meat inspetcors have called upon me to assist them in passing upon the wholesomeness of meat which they had condemned. In all cases thus far examined the only conditions which would demand the condemning of this meat has been one of beginning putrefaction. Annual experiments in these cases have not always been positive; this, however, is not sufficient proof that the meat should be condemned. It is true that no pathogenic organism or parasites of serious moment have been found, still the consuming of a full meal of meat in which there are large quantities of ptomaines which have developed from putrefaction processes often produces the most grave symptoms.

For the above reasons I have sustained the meat inspectors in their action upon the cases brought to me.

COMPARATIVE TESTS MADE UPON DISINFECTANTS, BY REQUEST OF HIS HONOR, THE MAYOR.

The tests recorded in the following report were made at the request of his Honor, the Mayor, for the purpose of ascertaining the comparative value of disinfectants used in the public institutions of the city. Most of these disinfectants were sent to me numbered instead of named, and they are so reported.

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TABLE NO. I.

This table shows the results obtained by testing the fluid which was contained in the bottle labeled "Labarraque's Solution."

This solution had the appearance of lime water, and conveyed a strong odor of chloride.

	Time																					
	Minutes.														Hours.							
DILUTION.	1	2	3	4	5	6	7	8	9	10	15	20	25	30	1	2	3	4	5	6		
Labarraque's Solution 5% (1-20)	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	—	—		

★ Growth.
— No Growth.

TABLE NO II.

TEST UPON FLUID IN BOTTLE LABELED I.

This fluid was of a light yellow color by transmitted light, and had a disguised petroleum odor.

It was not really miscible with water and floated when mixed therewith. I could not say what the per cent of saturation was. The fluid tested was drawn with a pipette from beneath the excess which floated. My purpose being to test its efficiency when an attempt was made to secure a 5 per cent solution, as was done with the other disinfectants.

	Time																					
	Minutes.														Hours.							
DILUTION.	1	2	3	4	5	6	7	8	9	10	15	20	25	30	1	2	3	4	5	6		
Solution I. 5% (1-20)	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★		

★ Growth.
— No Growth.

TABLE NO. III.

TEST UPON FLUID CONTAINED IN BOTTLE LABELED IV.

This fluid had a brownish yellow color by transmitted light, and possessed the combined odor of petroleum and chlorine. It did not mix with water to any great extent, when an attempt was made to get a 5 per cent solution.

The solution tested was drawn with a pipette from beneath the excess that floated.

	Time																					
	Minutes.														Hours.							
DILUTION.	1	2	3	4	5	6	7	8	9	10	15	20	25	30	1	2	3	4	5	6		
Solution IV. 5% (1-20)	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★		

★ Growth.
— No Growth.

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TABLE NO. IV.

FLUID FROM BOTTLE LABELED XI.

This fluid was black by transmitted light and possessed a dark reddish brown color when floated in thin sheets on the sides of the bottle. The odor of this fluid was that of tar and carbolic acid combined. It was quite readily miscible with water and formed therewith a milky solution which had a slight muddy tint.

We were able to get into solution the full 5 per cent of this product.

	Time																					
	Minutes.														Hours.							
DILUTION.	1	2	3	4	5	6	7	8	9	10	15	20	25	30	1	2	3	4	5	16	24
Solution XI, 5% (1-20)	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	—

★ Growth.
— No Growth.

TABLE NO. V.

FLUID FROM BOTTLE LABELED IX.

This fluid was black when viewed by transmitted light and in thin layers, possessed a greenish brown tint. The odor was that of tar and carbolic acid combined. It was readily miscible with water, and formed therewith a milky solution which possessed a slight muddy tint. We were able to get into solution the full 5 per cent employed in these tests.

With the exception of the color when viewed in thin layers, the physical properties of IX. and XI. were identical.

	Time																					
	Minutes.														Hours.							
DILUTION.	1	2	3	4	5	6	7	8	9	10	15	20	25	30	1	2	3	4	5	6	24	
Solution IX, 5% (1-20)	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	

★ Growth.
— No Growth.

TABLE NO. VI.

The results recorded in this table were obtained by using a 5 per cent solution of crude Carbolic acid. This acid is used by Sanitary Division of the Health Department, and its physical properties are such that I would pronounce it of superior quality.

We were unable to get into solution the full 5 per cent. The tests were made with that which remained supernatant to the excess of acid.

	Time																					
	Minutes.														Hours.							
DILUTION.	1	2	3	4	5	6	7	8	9	10	15	20	25	30	1	2	3	4	5	6		
Carbolic acid, 5% (1-20)	★	★	★	★	★	★	★	★	★	★	★	—	★	—	—	—	—	—	—	—		
Original Test.																						
Duplicate Test	★	★	★	★	★	★	★	★	★	★	★	—	—	—	—	—	—	—	—	—		

★ Growth.
— No Growth.

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TABLE NO. VII.

This table shows the results obtained by using 5 per cent of the Carbolic Acid, the acid being same as that used in experiment Table VI., with the addition of 3 per cent of laundry soap as an auxiliary.

By adding the soap we were able to get into solution the full 5 per cent.

DILUTION.	Time — Minutes. 1	2	3	4	5	6	7	8	9	10
Carbolic acid, 5% (1-20)	★	★	★	★	★	—	—	—	—	—
Laundry Soap. 3% (1-33-1-3)										

★ Growth.
— No Growth.

TABLE NO. VIII.

The results recorded in this table were obtained by using 5 per cent Carbolic Acid with 2 per cent Hydrochloric Acid added as an auxiliary.

The full 5 per cent Carbolic acid did not go into solution.

DILUTION.	Time — Minutes. 1	2	3	4	5	6	7	8	9	10
Carbolic acid, 5% (1-20)	★	★	★	★	★	★	—	★	★	—
Hydrochloric acid, 2% (1-50)			.							

★ Growth.
— No Growth.

TABLE NO. IX.

This table is a record of the results obtained by using 5 per cent Carbolic Acid, the same as in all the other tests, with the addition of 2 per cent of Sulphuric acid as an auxiliary.

The full 5 per cent of Carbolic Acid did not go into solution.

DILUTION.	Time — Minutes. 1	2	3	4	5	6	7	8	9	10
Carbolic acid, 5% (1-20).										
Sulphuric acid 2% (1-50).	★	★	★	★	★	★	★	★	★	—

★ Growth.
— No Growth.

TABLE NO. X.

We used in this test 5 per cent Carbolic Acid and 8 per cent Sodium Chloride (common salt) as an auxiliary.

The full 5 per cent of Carbolic acid did not go into solution.

DILUTION.	Time — Minutes. 1	2	3	4	5	6	7	8	9	10
Carbolic acid, 5% (1-20)	★	★	★	★	—	★	—	—	—	—
Common salt, 8% (1-12-½).										

★ Growth.
— No Growth.

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TABLE NO. XI.

This test was made with a 2 per cent (1-50) of Sulphuric Acid, used not as an auxiliary, but alone.

	Time																		
	Minutes.														Hours.				
DILUTION.	1	2	3	4	5	6	7	8	9	10	15	20	25	30	1	2	3	24
Sulphuric acid, 2% (1-50)	★	★	★	★	★	★	★	★	★	★	★	★	★	★	—	—	—	—

★ Growth.
— No Growth.

TABLE NO. XII.

This test was made with a 2 per cent (1-50) of Hydrochloric Acid, used not as an auxiliary, but alone.

	Time																		
	Minutes.														Hours.				
DILUTION.	1	2	3	4	5	6	7	8	9	10	15	20	25	30	1	2	3	24
Hydrochloric acid, 2% (1-50)	★	★	★	★	★	★	★	★	★	★	★	★	—	—	—	—	—	—

★ Growth.
— No Growth.

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TABLE NO. XIII.

COMPARATIVE TABLE OF ALL THE TESTS.

DILUTION.	Time — Minutes. 1	2	3	4	5	6	7	8	9	10	15	20	25	30	Hours. 1	2	3	4	5	6	16	24
Labarraque's Solution, 5% (1-20)	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	—	—	—	—
Solution I. 5% (1-20)	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
Solution IV. 5% (1-20)	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
Solution II. 5% (1-20)	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	—
Solution IX. 5% (1-20)	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
Carbolic acid, 5% (1-20)	★	★	★	★	★	★	★	★	★	★	★	—	—	—	—	—	—	—	—	—	—	—
Carbolic acid, 5% (1-20) Soap, 3% (1-33-1-3)	★	★	★	★	★	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Carbolic acid, 5% (1-20) Hydrochloric acid, 2% (1-50)	★	★	★	★	★	★	—	★	★	—	—	—	—	—	—	—	—	—	—	—	—	—
Carbolic acid, 5% (1-20) Sulphuric acid, 2% (1-50)	★	★	★	★	★	★	★	★	★	—	—	—	—	—	—	—	—	—	—	—	—	—
Carbolic acid, 5% (1-20) Common Salt, 8% (1-12-½)	★	★	★	★	—	★	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sulphuric acid, 2% (1-50)	★	★	★	★	★	★	★	★	★	★	★	★	★	★	—	—	—	—	—	—	—	—
Hydrochloric acid, 2% (1-50)	★	★	★	★	★	★	★	★	★	★	★	★	—	—	—	—	—	—	—	—	—	—

★ Growth.
— No Growth.

CONCLUSION—SPECIAL.

1st. Labarraque's solution, when used in full strength, may have sufficient germicidal effect to recommend it, but experience has shown that a disinfectant wherein chlorine gas is an agent that the disinfectant must be properly made, stored and used or it will prove unreliable.

2nd. I do not know what the fluid labeled No. 1 would do when used at full strength, but would not recommend it for use because it does not mix with water or sewage in sufficient strength to be germicidal.

3rd. What is true of solution labeled I is also true of product labeled IV. If you attempt to use this product it will float or simply run off the surface or sewage which you are attempting to disinfect.

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4th. Product labeled XI is entirely too weak and slow to be considered as a satisfactory disinfectant.

5th. Number IX is even less satisfactory than No. XI.

6th. The crude carbonic acid submitted to me by the Sanitary Division of the Health Department when used in a 5 per cent solution or less acts promptly and with that degree of reliability to warrant my recommending as a satisfactory disinfectant for excreta, etc.

7th. By adding 3 per cent of laundry soap the 5 per cent of carbolic acid added was completely taken into solution and proved to be quicker in its action than the straight 5 per cent carbolic acid. This may be due to the higher per cent of carbolic acid which went into solution, and not to any action of the soap. It might be well to use soap as an auxiliary.

8th. The addition of hydrochloric acid, sulphuric acid, or common salt shortened the time which was necessary to destroy the life of the organism tested.

The danger of mixing sulphuric acid with water, also the heat which it creates, would not make it a satisfactory auxiliary for carbolic acid.

9th. I would not recommend either hydrochloric or sulphuric acid alone.

When used in a weak solution they are almost too slow in action, and when used strong will attack metals and in some cases discolor wood.

GENERAL CONCLUSION.

Based upon these experiments I can recommend out of this lot of products only the carbolic acid.

REMARKS.

We must not deceive ourselves by thinking that a product which may have a very seductive odor will be satisfactory as a disinfectant, —deodorants and antiseptics are not disinfectants.

There are other products, such as copperas and the various preparations of lime which might be tested.

There is one thing that should never be lost sight of and that is the fact that **heat** is the only reliable germicide, and whenever possible it should be applied in the way of boiling, steaming or as dry heat. Bacteriologists rely on nothing but heat as an absolute germicide. Non-sporing organisms, such as bacillus typhosus and the tubercle bacillus are destroyed at a comparatively low temperature.

In using carbolic acid, I think it is not necessary to use more than 5 per cent; one part of acid to nineteen of the fluid to be disinfected. If it is to be applied to a surface such as wood, metal, etc., a solution of one part of the acid to nineteen of the water is sufficient.

EXAMINATIONS MADE FOR CITY CHEMIST.

1. This office does not make regular examinations of the milk supply of the city and this report is submitted simply to show the assistance which this office renders the Milk Inspection Department when questionable conditions arise.

The following is a report of an examination of samples furnished me by Milk Inspector R. H. Petheridge, 6-15-'03. There were three in all— one labeled cream, one milk and the other skimmed milk.

Label on Cream—

Temp. 40 degrees.

Date, June 9th, 9:00 a. m.
Inspector, R. H. Pethebridge.
Name of Dealer, L. F. Abbott.
Address, Pine Lawn.
Bottle No. 74. Serial No. F 377.

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Label on Milk—
Temp. 39 degrees.
Date, June 9th, 9:00 a. m.
Inspector, R. H. Pethebridge.
Name of Dealer, L. F. Abbott.
Address, Pine Lawn.
Bottle No. 242. Serial No. F 376
Label on Skimmed Milk—
Temp. 50 degrees.
Date, June 9th, 9:00 a. m.
Inspector, R. H. Pethebridge.
Name of Dealer, L. F. Abbott.
Address, Pine Lawn.
Bottle No. 85. Serial No. F 375.

Product.	Dilution.	No. of organisms per c. c.	Liquifiers.
Cream	1-100	Liquified and too numerous to count..	
	1-1000	Liquified and too numerous to count..	
	1-10000	6,600,000.....	60,000
Milk	1-100	Liquified and too numerous to count..	
	1-1000	Liquified and too numerous to count..	
	1-10000	320,000	60,000
Skimmed Milk.	1-100	Liquified and too numerous to count..	
	1-1000	Liquified and too numerous to count..	
	1-10000	10,750,000	35,000

REMARKS—The above samples were plated about two hours after they were taken and were kept on ice from the time they were taken until bacteria found in them were due to the original contamination and not to any increase as a result of time and temperature. You will observe the high numbers, also the great number of liquifiers.

I would pronounce the milk from which these samples were taken unsatisfactory for consumption.

(2). The City Chemist requested me to furnish him with data upon milk, Nov. 20, '03, when subjected to natural and artificial conditions, with the view of ascertaining the most rational method of obtaining, preserving and dispensing the same in a commercial way.

This work has been gone over so often by competent observers and the facts are so well established that it seems a waste of valuable time to repeat the experiment. However, in order to give the matter some local support, I have most cheerfully made a limited number of observations and herewith submit my results and deductions.

In making my observations I sought to answer the following questions:

1st—What is the effect upon milk, both microscopically and bacteriologically, when kept at room temperature (25 degrees C or 77 degrees F) without the use of a chemical preservative?

2nd—How does refrigeration of milk at 7 degrees C or 44 3-5 degrees effect it, both microscopically and bacteriologically?

3rd—How is milk affected microscopically and bacteriologically when there is added to it formalin (39.35 per cent formaldehyde gas) in such proportions that the final dilutions are, formalin one in 10,000, one in 25,000 and one in 50,000, the milk being kept at room temperature (25 degrees C or 77 degrees F?).

4th—How is milk affected by the addition of formalin in such proportions that the final dilutions are, formalin one in 10,000, one in 25,000, and one in 50,000, the milk being kept at 7 degrees C or 44 3-5 F?

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5th—From table V. it is strikingly evident that the bacillus typhosus is affected by the addition of formalin in such proportion that the final dilutions are, formalin one in 10,000, one in 25,000, and one in 50,000, the milk being kept at room temperature of 25 degrees C or 77 degrees F?

SPECIAL CONCLUSION.

1st—From table I. we must conclude that ordinary commercial milk, kept at room temperature (25 degrees or 77 degrees F) is for most purposes unwholesome at the end of twenty-four hours, to say the least.

2nd—From table II. we must infer that ordinary commercial milk kept at 7 degrees C or 44 3-5 degrees F, remains wholesome for four days or more.

3rd—From table III. we must conclude that ordinary commercial milk does not remain wholesome for twenty-four hours when kept at room temperature (25 degrees C or 77 degrees F) by the addition of formalin, one in 25,000 or one in 50,000, and questionably so when the dilution is made one in 10,000.

4th—Table IV. shows us that by adding formalin to refrigeration the wholesomeness of milk is improved only when the dilutions are made one in 10,000 and one in 25,000.

5th—From table V it is strikingly evident that the bacillus typhosus is much less resistant to formalin than ordinary milk bacteria, but not destroyed by it though used in dilutions of one in 10,000.

6th—From the rapid increase of the bacillus typhosus as shown in table IV., we must conclude that milk infected with pathogenic organisms whose rate of increase is about the same as that of the bacillus becomes rapidly dangerous when kept at a temperature of 25 degrees C or 77 degrees F.

GENERAL CONCLUSION.

1st—From tables I., III. and VI. we must conclude that commercial milk will not remain wholesome when kept at a high temperature (77 degrees F.), though formalin be added in permissible quantities.

2nd—We must conclude from tables II. and IV. that refrigeration is far more efficacious than the use of the formalin without refrigeration in the preservation of commercial milk.

3rd—How rapidly do typhoid bacilli multiply when put into sterile milk, to which there has been added no preservative? The milk being kept at a temperature of 25 degrees C or 77 degrees F.?

The answer to the first question is found in table I. The milk examined was obtained from the St. Louis Dairy Co., and had an original bacterial count of 280,000 per c. c.; at the end of twenty-four hours the milk was sour and showed a count of 190,500,000. No plates were made for the second day.

Table II. shows that by refrigerating milk without the use of a preservative that it was kept sweet for four days, and that the bacterial count was not comparatively much higher on the second day than it was on the first day, when the milk was kept at room temperature. Observations were not carried beyond four days.

The data in table III. shows that the addition of formalin to this milk in the proportion of one in 10,000, one in 25,000, and one in 50,000, had little or no effect upon the bacterial count, and that the milk remained sweet only for twenty-four hours at room temperature (25 degrees C or 77 degrees F.) when the dilution of formalin was one in 10,000.

Table IV. shows that when refrigeration and formalin were both used the bacterial court was kept down and the milk remained sweet for four days. Observations were not carried beyond this time.

It is shown in table V. that the number of organisms in typhoid infected milk, kept at room temperature, are reduced when the dilutions of formalin are one in 10,000, and one in 25,000, and that they are increased when the dilution is one in 50,000.

Table VI. shows that the number of organisms in sterile milk infected with typhoid bacilli are increased at a rapid rate when the milk is kept at room temperature.

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TABLE No. I.

MILK—ROOM TEMPERATURE—25 DEGREES C.

NO PRESERVATIVE.

	Original.	First Day.	Second Day.
Macroscopic	280.000	190.500 Sour.	No plate. Sour.

TABLE No. II.

MILK—REFRIGERATOR—7 DEGREES C.

	Original.	1st day.	2nd day.	3rd day.	4th day.
Macroscopic...	280.000	12.600.000 Sweet.	222.250.000 Sweet.	..... Sweet.	..... Sweet.

TABLE No. III.

MILK—ROOM TEMPERATURE—25 DEGREES C.

FORMALIN.

Formalin Dilution.	Original.	1st day.	2nd day.
1-10000	280.000	Innumerable.	No plate.
Macroscopic	.....	Sweet.	Sour.
1-25000	280.000	Innumerable.	No plate.
Macroscopic	.....	Sour.	Sour.
1-50000.....	280.000	Innumerable.	No plate.
Macroscopic.....	.....	Sour.	Sour.

TABLE No. IV.

MILK—REFRIGERATOR—7 DEGREES C.

FORMALIN.

Formalin Dilution	Original.	1st day.	2nd day.	3rd day.	4th day.
1-10000.....	280.000	400.000	4.500.000	.....	.....
Macroscopic....	.....	Sweet.	Sweet.	Sweet.	Sweet.
1-25000.....	280.000	500.000	15.000.000	.....	.....
Macroscopic....	.....	Sweet.	Sweet.	Sweet.	Sweet.
1-50000.....	280.000	12.000.000	165.000.000	.....	.....
Macroscopic....	.....	Sweet.	Sweet.	Sweet.	Sweet.

TABLE No. V.

STERILE MILKS INFECTED WITH TYPHOID BACILLI. ROOM TEMPERATURE 25 DEGREES C.

FORMALIN.

Formalin Dilution.	Original Count.	Number of Colonies at the end of Twenty-four Hours.
1-100000	33.800	2.000
1-25000	33.800	8.500
1-50000	33.800	66.000

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TABLE No. VI.

STERILE MILK INFECTED WITH TYPHOID BACILLI, ROOM TEMPERATURE 25 DEGREES C.

NO PRESERVATIVE.

Original Number Colonies.	Number of Colonies at the End of Twenty-four Hours.
33,800	68,580,000

Control sterile.

SPECIAL INVESTIGATION ORDERED BY THE HEALTH COMMISSIONER.

The tests which I have made upon and in connection with the mouthpiece and antiseptic solution manufactured by the TELEPHONINE Company, No. 218 Sacremento street, San Francisco, Cal., had in view the obtaining of information upon the following points:

(a) The viability of bacteria placed upon telephone mouthpieces.

(b) The presence of bacteria on telephone mouthpieces in daily use in this city.

(c) The value of the attachment above mentioned in destroying bacteria on telephone mouthpieces.

(a) To ascertain how long bacteria would live when placed upon mouthpieces and disks surrounding mouthpieces of telephones, I placed upon a disk which had been sterilized the three following organisms: Bacillus diphtheria, bacillus typhosus and streptococcus pyogenes. These organisms were placed upon a disk, the mouthpiece of which had an attachment upon it. The attachment was thoroughly saturated with the "Telephonine" solution, and had been upon the mouthpiece for twenty-four hours.

I was satisfied before I began the experiment that the attachment would have no effect upon organisms that might be on parts of the telephone contiguous to the mouthpiece; therefore, to obtain data upon point (a), I placed the organisms upon the metal disk. By doing this I obtained data upon their viability outside the mouthpiece, even though there be an attachment thereon.

Cultures were made for six consecutive days, at the end of which time all of the three above named organisms were still living. Cultures were not made beyond six days. The data is found in table No. 2 of this report.

To determine what organisms could be found upon telephones in use in this city I selected three drug stores, the telephones used therein being almost in constant use by persons of both sexes, of all ages, vocations and social conditions.

Upon inquiry I was informed that the mouthpieces and other parts of the telephones were frequently wiped with a cloth not moistened with a germicide.

I wiped the inside of the mouthpieces and the metal disks surrounding the mouthpieces with moistened sterile swabs and placed them in the tubes of bouillon and incubated for twenty-four hours. These cultures were then examined microscopically and two cubic centimeters of the cultures were inoculated into guinea pigs. Two pigs being used for each telephone; one for the mouthpiece and one for the disk which surrounds it. The organisms which were revealed by direct examination are shown in table No. 3.

The result of the animal experiments are shown in table No. 4.

(c) To test the value of the attachment and the solution used with it I placed the attachment with the pad thoroughly saturated upon the telephone for twenty-four hours. At the end of that time I placed a small sterile parchment cone, divided into three compartments, into the mouthpiece. In one compartment I placed small squares of cheesecloth infected with bacillus diphtheria, in the others respectively I placed bacil-

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lus typhus and streptococcus pyogenes. The attachment was closed and at the end of each hour tubes of bouillon were inoculated with the squares of cloth from each of the compartments. The results are shown in table No. 1.

SUMMARY.

1—The following organisms were found upon telephones in use: Bac. subtilis, streptococcus pyogenes, diplococci, yeast cells and staple lococcus.

No attempt was made to identify anerobic organisms which might have been present. My purpose being mainly a search for the pathogenic organisms that commonly produce diseases in the respiratory tract, viz., bac. diphtheria, streptococcus pyogenes and the tubercle bacilli.

2—Bac. diphtheria was not found. Three weeks have elapsed and animals inoculated with cultures obtained from telephones, show no signs of tuberculosis.

3—The streptococcus mentioned in Summary 1 was obtained in pure cultures from the heart's blood of the two guinea pigs that died within twenty-four hours after inoculation. White mice inoculated with these pure cultures, became sick but did not die. It is possible that the virulence of the streptococci which were injected into the guinea pigs was increased by the symbiotic action of non-pathogenic organisms that were injeoted with them.

4—The telephone attachment killed bac. diphtheria in less than one hour, streptococcus pyogenes in less than two hours and bac. typhosus in less than five hours. The bac. typhosus was inhabited in a most striking manner after one hour's exposure.

5—Organisms placed upon the disks outside the mouthpiece were shown to live six days. They were not observed after that time.

CONCLUSION.

1—It is true that a streptococcus pyogenes is associated with phegmous inflammation and suppurative processes, puerperal septicemia, erysipelas, broncho-pneumonia, septicemia, etc.; however, its virulence is so variable that the finding of it upon the mouthpiece of a telephone, need not cause great alarm.

2—Inasmuch as the attachment protects only the mouthpiece, it does not satisfy the whole condition in an attempt to free a telephone of disease germs.

NOTE.—When I took my cultures from the telephones examined, I observed that the persons who used them before me were talking onto the disk and not into the mouthpiece. We have here a large area subject to contamination.

3—The single examination of a telephone, does not furnish sufficient data on which to base an opinion.

GENERAL CONCLUSION.

Every object that a diseased person comes in contact with, possibly may become contaminated. Telephones are only one of many. There is the handshake, the door knob, the street car strap, car seats, chairs in restaurants, theaters, the razor, the towel, the cup, every article used in common by mankind. Nature has happily provided for the destruction of disease germs. She has also given us a resistance or natural immunity that protects.

I do not desire to digress from a purely scientific report, but would say that there are scientific fads as well as others. At present the masses seem to be abnormally interested in "germs." It is well that they should know the danger that may come from association with a diseased person and the careless disposal of the excreta from the same, but the emphasizing and constant fear of some ill which may come from "germs" has a bad psychological effect.

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TABLE 1.

TEST UPON BACTERIUM WITH TELEPHONINE.

Apparatus was sterilized. Telephonine applied to the pad and then closed for twenty-four hours

Bacterium Exposed	TIME OF EXPOSURE.					Remarks.
	1 hr.	2 hrs.	3 hrs.	4 hrs.	5 hrs.	
B. Diphtheriae.	—	—	—	—	—	
B. Typhosus...	★	i	i	i	—	
Streptococcus pyogenes	i	—	—	—	—	

★ Growth.
— No Growth.
i Growth, but inhibited.

TABLE 2.

BACTERIUM PLACED UPON THE METAL DISK OUTSIDE OF APPARATUS GAVE THE FOLLOWING RESULTS.

Bacterium Exposed.	TIME EXPOSED.						Remarks.
	1 day.	2 days.	3 days.	4 days.	5 days.	6 days.	
B. Diphtheriae	★	★	★	★	★	★	Did not carry further.
B. Typhosus	★	★	★	★	★	★	
Streptococcus pyogenes	★	★	★	★	★	★	

★ Growth.
— No Growth.

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TABLE 3.

RESULT OF CULTURES MADE FROM TELEPHONES.

Location of 'Phone.	Date.	Part of Telephone.	Microscopic Examination of a Twenty-four Hours Bouillon Culture, Showed:
A. & B.'s Drug Store, St. Louis..	3-12-03	Mouth piece.	B. Subtilis, streptococcus pyogenes, yeast cells and diplococcus.
		Metal disk around M. P.	Staphylococcus.
C. & D.'s Drug Store.....	3-12-03	Mouth piece.	Bac. Subtilis.
		Metal disk around M. P.	Staphylococcus.
E & F.'s Drug Store.....	3-12-04	Mouth piece.	Staphylococcus, B. Subtilis and streptococcus pyogenes.
		Metal disk around M. P.	Bac Subtilis.

REMARKS—Of the above organisms, the streptococcus pyogenes is the only one worth considering, and its pathogenocity is extremely variable.

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TABBLE 4.

ANIMAL EXPERIMENTS WITH 24 HOUR BOUILLON CULTURES. MADE FROM SWABBINGS TAKEN FROM TELEPHONES IN USE IN THE CITY OF ST. LOUIS, MARCH 12TH, 1903

No. of Cage.	6	7	8	19	24	23
Location of phone.....	C. & D.'s St Louis.	C. & D.'s St Louis.	A. & B.'s St Louis.	A. & B.'s St Louis.	E. & F.'s St Louis.	E. & F.'s St. Louis.
Cultures taken from.....	Metal disk.	Mouth piece.	Metal disk.	Mouth piece.	Metal disk.	Mouth piece.
Site of inoculation.....	Subcut.	Subcut.	Subcut.	Subcut.	Subcut.	Subcut.
Date of Inoculation.....	4:00 p. m. 3-13	4:10 p. m. 3-13	4:20 p. m. 3-13	4:30 p. m 3-13	4:40 p. m. 3-13	4:50 p. m. 3-13
Result.....	Seventh day living.	Seventh day living.	Seventh day living.	Died 10:30 a. m. 3-14	Seventh day living.	Died 3:00 p. m. 3-14-03
Organisms recovered at autopsy from site of inoculation.....	.....	.....	.....	Bac subtilis & streptococcus	.....	Bac subtilis & streptococcus
Organisms recovered at autopsy from heart.....	.....	.....	.....	Bac subtilis & streptococcus	.....	Pure culture streptococcus

REMARKS—(1) The above table shows that guinea pigs inoculated subcutaneously with bouillon cultures made from the mouth pieces of telephones now in use in A. & B.'s and E. & F.'s drug stores, died in less than twenty-four hours.
(2) The only pathogenic organism obtained upon autopsy was the streptococcus pyogenes.
(3) White mice inoculated with pure cultures of this organism were made sick, but did not die.

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WORK DONE UPON THE WATER SUPPLY OF ST. LOUIS BY ORDER OF THE BOARD OF HEALTH.

February 5th, 1904, the Board of Health passed a resolution asking that this office submit to them a monthly report of a quantitative bacteriological analysis of the St. Louis water supply. These analyses were to be made weekly.

For the month of February only one analysis was made; for the month of March two analyses were made, the accompanying table showing the results obtained.

SOURCE.	Time taken.	Time plated.	Time counted.	No. of colonies.	Average number of colonies.	No. of liquifiers.	Ave. number of liquifiers.	Per cent of liquifiers.	Ave. per cent of liquifiers	Per cent of removal.	Average per cent of removal from point to point.	Per cent of removal from Intake Tower to tap.	Ave. per cent of removal from Intake Tower to tap.
Intake Tower	3-28	3-28	3-31	190.000	190.000	12.500	12.500	6	6.	....	....	....	....
Distributing Well	3-18	3-18	3-21	23.000	.....	2.750	.....	12	....	....	....	....	....
Distributing Well	3-28	3-28	3-31	95.000	59.000	8.500	5.625	9	10.5	50	50	....	....
Outlet Chamber..	3-18	3-18	3-21	6.675	.....	966	.....	14	....	71	....	....	....
Outlet Chamber..	3-28	3-28	3-31	8.700	7.687	650	808	7	10.5	91	81	....	....
Laboratory Tap..	3-18	3-18	3-21	5.750	.....	900	.....	15	....	14	....	....	....
Laboratory Tap..	3-28	3-28	3-31	937	3.343	195	547	20	17.5	90	52	99.5	99.5
Gelatin Control...	3-18	3-18	3-21	2	.....	0	.....	....	....	....	....	....	....
Gelatin Control...	3-28	3-28	3-31	1	1.5	0	.....	....	....	....	....	....	....
Water Control ...	3-18	3 18	3-21	0	.....	0	.....	....	....	....	....	....	....
Water Control ...	3-28	3-28	3-31	1	.5	0	.....	....	....	....	....	....	....

REMARKS.—Third Week. In passing from the distributing well to the outlet chamber, there is a loss of 71%; from the outlet chamber to the laboratory tap, 14%. From the distributing well to the laboratory tap there is a loss of 75%.

Fourth Week. In passing from the intake tower to the distributing well there is a removal of 50%. From the distributing well through the settling basins to the oulet chamber there was a romoval of 91%. From the outlet chamber to the laboratory tap there was a removal of 90%. From the intake tower to the laboratory tap there was a removal of 99.5%.

The water was very muddy and the bacterial count and per cent of removal was correspondingly high.

GENERAL REMARKS.—The examinations will be kept up throughout the coming year. From results which have thus far been obtained, we believe that the final report upon the system of water purification, that has lately been instituted in this city, will be of the most favorable character.

EXAMINATIONS MADE FOR INSANE ASYLUM, FEMALE HOSPITAL, CITY DISPENSARY AND HOUSE OF REFUGE.

The work that has been done for the above named institutions has consisted in the main, of examinations of sputum, blood from supposed cases of typhoid, and swab cultures for the Bacillus diphtheriae, and a few special examinations in medico-legal cases for the Chief Dispensary Physician.

EXAMINATIONS MADE FOR THE CHIEF OF DETECTIVES' AND THE CIRCUIT ATTORNEY'S OFFICE.

This office has been called upon by the Chief of Detectives and the Circuit Attorney's Office, to make examinations in medico-legal cases. These examinations have been made, through courtesy, for the above named officers. If, in your judgment, this courtesy should be permanently extended, we will keep ourselves in readiness at all times, to give such requests our prompt attention.

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PATHOLOGIST OF THE CITY HOSPITAL.

The work of this division of the Hospital is done by four junior physicians, over whom there is placed a senior physician. All special examinations have been done by myself. By consulting the tables which follow, you will see that there has been a great deal of diagnostic work done in these laboratories. We have tried to differentiate the work, thereby getting the best results, both quantitatively and qualitatively.

The work is divided into Gross Pathology, Microscopic Pathology, Bacteriology, etc., and Urinalysis. A junior physician is placed in charge in each division and serves for a period of fifteen days.

An exact record is kept of each examination made, and a copy is sent to the various wards to be attached to the history and bedside notes of the patient. It is to be regretted that the period of service in these laboratories is so short, that the physician scarcely becomes familiar with the technique before a change is made. Though this is true, it is gratifying to me to state that the hospital physicians took great interest in the work, and throughout the year have done remarkably well.

The valuable support and kindly interest, which Dr. John Young Brown, Superintendent of the City Hospital, has shown in the scientific work done in the laboratories has greatly aided me in the organization and prosecution of this work.

SPECIAL EXAMINATIONS MADE FOR THE SUPERINTENDENT OF CITY HOSPITAL.

This table shows the special examinations made by me, upon tissue removed at operations, at autopsy, stomach analyses, etc., in the City Hospital, April 1, 1903, to March 31, 1904, inclusive.

All other pathological work done at the Hospital is reported from the four laboratory divisions working therein.

Amputated foot (infected)	1
Appendix	7
Blood Malaria Plasmodia (negative)	1
Blood, Streptococci (positive)	1
Blood, Streptococci (Negative)	1
Calcareous conglomerate (bladder)	1
Cultures (uterus)	3
Cultures (Puerpural Septicemia)	1
Cultures Synovial fluid (negative)	2
Cultures of sterilized catgut used at the City Hospital	12
Cultures from abcesses of the liver (negative)	1
Cultures (autopsy)	2
Carcimons	1
Chorion	1
Epithrilioma	4
Endometriun	1
Fibroids (uterus)	4
Foetus	1
Fliud (pleural cavity)	1
Fibro-myoma (uterus)	1
Fibro-chondroma (uterus)	1
Fluid from exploratory laporotomy	1
Fallopian tubes and ovaries	38

A paper will be published this year on the pus tube work done at the City Hospital.

Hernial sac	2
Intestine, small (omental hernia)	1
Intentine, small (gunshot)	2
Intestine, small (strangulated hernia)	1
Infected gauze. Thest of sterilizer (negative)	1
Lipoma	1
Multilocular cyst (ovary)	1
Mamma; chronic diffuse mastitis with retention cyst	1
Pus	8
Pus, supposed anthrax (negative)	1
Placenta	3
Prostate	1
Sarcoma (mouth)	1
Suprarenal bodies	2
Spinal fluid (negative)	2
Stomach analyses	13
Tissue for tumor (negative)	1
Testicle (undescended)	1
Uterus	2
Total	132

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All pieces of tissue to be studied bacteriologically, were placed by the surgeon, into a sterile Mason jar, sealed, and sent directly to this laboratory.

SPECIAL EXAMINATION MADE FOR THE SUPERINTENDENT OF THE CITY HOSPITAL.

The following test upon the sterilizer manufactured by the Emil Wilbrandt Surgical Manufacturing Company is here reported to show the precaution used at the hospital in checking possible errors that may arise in surgical technique, and not for the purpose of reporting upon any particular sterilizer:

In making the tests we collected the following data:
Temperature in pipes before lighting gas, 78 degrees F.
Height in glass gauge, 10 cm.
Flame lighted, 2:47 p. m.
Water boiled, 2:57 p. m.
Fifteen pounds' steam pressure, 3:02 p. m.
Steam blew off at nineteen pounds, or 257 degrees F.
Material for sterilization was put in at 3:24 p. m.
Pressure dropped to twelve pounds, but came up to fifteen pounds in one minute, the pressure remaining at seventeen pounds most of the time during the test.

The accompanying table shows the result of the test, which was made upon bouillon cultures of the bacillus anthracis, in which there was a great abundance of spores:

TESTS WERE MADE AT EMERGENCY HOSPITAL No. 2.

Location of Organism.	Time of exposure	Result
Broth culture unprotected	10 minutes.	—
Broth culture surrounded by 96 layers of cotton cloth	10 minutes.	★
Broth culture unprotected	15 minutes.	—
Broth culture surrounded by 96 layers of cotton cloth	15 minutes.	★
Broth culture unprotected	20 minutes.	—
Broth culture surrounded by 96 layers of cotton cloth	20 minutes.	★
Broth culture unprotected	30 minutes.	—
Broth culture surrounded by 96 layers of cotton cloth	30 minutes.	—

★ Growth.
— No Growth.

REMARKS.

Steam under a given pressure in any sterilizer will have the same effect upon micro-organisms, therefore the results herein recorded are of interest to the surgeon and not the mechanic.

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TABLE SHOWING THE WORK DONE IN THE URINALYSIS LABORATORY, CITY HOSPITAL, FROM JUNE 1, 1903, TO MARCH 31, 1904, INCLUSIVE.

	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
Number of specimens examined	457	685	368	752	666	929	835	943	894	944	7473
Number of specimens containing casts	12	54	29	54	60	79	62	122	91	99	662
Number of specimens containing albumin	111	150	51	129	144	203	170	287	153	217	1615
Number of specimens containing both albumin and casts	23	48	31	50	53	73	64	122	91	99	654
Number of specimens containing albumin and no casts	55	.....	9	79	100	126	119	165	64	114	831
Number of specimens containing casts and no albumin	.....	3	.....	.....	.....	8	5	.....	4	.....	20
Proteids—Albumin	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Globulin	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Albumoses	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peptone	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nucleo—Albumin (mucin)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Haemaglobin	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fibirn	.....	.....	.....	1	.....	.....	1	.....	.....	.....	2
Sugar	1	4	.....	.....	3	5	1	2	2	5	23
Acetone	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diacetic Acid	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Biliary pigments	.....	4	.....	.....	.....	2	.....	4	.....	7	17
Biliary Acids	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	3
Diazo reaction	3	2	.....	5	.....	4	13	14	16	4	61
Melanin	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Blood coloring matter	6	.....	.....	.....	.....	8	.....	9	.....	1	24
Urinary Sediments—											
1. Non-organized	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Uric acid (crys.)	15	13	.....	.....	28	.....	20	16	52	7	151
Urates (amor. or crys.)	.....	31	.....	32	63	46	11	82	91	90	446
Hippuric acid	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	2
Calcium oxalate (crys.)	.....	6	.....	30	17	10	12	18	28	21	142
Calcium phosphate (amor. or crys.)	.....	9	.....	32	7	7	.....	.....	.....	.....	55
Amonio-magnesium phosphate (amor. or crys.)	.....	31	.....	42	21	76	34	54	85	52	395
Calcium carbonate (amor. or crys.)	.....	2	.....	4	.....	.....	.....	.....	.....	.....	6
Cystin (crys.)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
Cholesterin (crys.)											
Leucin						1			1		2
Tyrosin		1							1		2
Haematoidim-bilirubin (crys.)											
Xanthin (amor. or crys.)											
Indigo (crys.)											
2. Organized											
Epithelium	13	69		33	57	76	20	124	109	85	586
Nucleo-albumin (mucin.)		3			7				3	5	18
Blood	7	7		16	25	43	16	39	14	13	180
Pus	20	17		36	43	45	9	70	39	56	335
Infusoria—Spermatozoa											
Fungi—Bacteria					20		5		31	7	63
Mould											
Yeast											
Misro-organisms	1	38									39
Parasites											
Morbid growths											
Renal Casts					39	65	55	67	62	99	387
Hyaline (transparent) Casts	12	28		20	23	26	11	77	36	41	274
Granular Casts		40		57	51	33	59	92	83	77	492
Blood Casts		2							3		5
Fatty Casts		3									3
Pus Casts		2		11			3		3		19
Crystalline Casts—Urate							1				1
Oxalate											
Cystin											
Bacterial Casts		9									9
Mucous or False Casts—Cylindroids		2			20	8		3			33
Calculi											
Epithelial Casts		9		5	14	3	22				53

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TABLE SHOWING NUMBER OF PATHOLOGICAL SECTIONS MADE AT CITY HOSPITAL LABORATORIES FROM JUNE 1, 1903, TO MARCH 31, 1904, INCLUSIVE.

	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
Liver	8	25	20	17	25	21	9	16	11	33	185
Spleen	7	23	17	14	25	21	5	.....	4	23	139
Kidney	11	23	18	15	23	20	6	21	11	30	178
Lung	2	6	3	7	22	19	8	13	8	23	111
Heart	2	4	3	3	20	19	4	10	.....	5	70
Mesenteric Gland	1	.....	.....	.....	.....	1	.....	.....	.....	.....	2
Scar Tissue	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Brain	1	1	.....	.....	.....	.....	.....	1	1	.....	4
Intestine	2	2	1	.....	4	1	.....	2	1	1	14
Uterus	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Appendix	1	1	2	.....	1	.....	.....	.....	.....	.....	5
Thymus Gland	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Pancreas	.....	1	.....	.....	1	.....	.....	.....	.....	.....	2
Pleura	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Fallopian Tube	.....	2	2	2	.....	.....	.....	.....	.....	.....	6
Ovary	.....	2	.....	2	.....	.....	.....	.....	.....	.....	4
Hernical Tac	.....	1	2	3	.....	.....	.....	.....	.....	.....	6
Testis—Non-descended	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Trachea	.....	.....	1	.....	.....	.....	.....	2	.....	.....	3
Cervix	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Lower Lip	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Bladder	.....	.....	.....	.....	1	1	1	1	.....	.....	4
Stomach	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Urethra	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
Prostate Gland	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
Total	37	94	69	63	124	103	33	68	37	115	743

Total number of sections made.....743

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TABLE SHOWING WORK DONE IN BACTERIOLOGY, HAEMATALOGY, ETC., AT THE CITY HOSPITAL LABORATORIES—JUNE 1, 1903, TO MARCH 31, 1904, INCLUSIVE.

DATE.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total	
Plasmodia of Malaria—Positive	7	6	38	82	40	26	4	2	0	1	206	
Negative	45	35	79	85	87	35	20	9	2	1	398	604
Bac. Anthracis												
" Cholerae												
" Diphtheria—Positive	5	5	6	0	3	1	0	3	0	2	25	
Negative	13	5	3	3	5	3	6	3	3	1	45	70
" Pyocaneous												
" Tetani												
" Tuberculosis—Positive	29	21	26	24	30	23	34	42	36	35	310	
Negative	40	40	55	31	67	63	98	102	190	183	869	1179
" Influenza												
Gonococcus Source—Eye—Positive		1	1			1					3	
Negative		1	1			0					2	
Rectum—Positive		1									1	
Negative		0								1	1	
Urethra—Postive	6	5	21		3	4	7	11	3	1	61	
Negative	5	7	3		1	4	3	4	2	6	35	103
Vagina—Positive				2	4						6	
Negative				0	8						8	
Ulcerus—Positive				1							1	
Negative				0							0	15
Pneumococcus—Positive	2	2		0	5	14	15	33	40	5	116	
Negative	0	9		3	0	2	3	14	29	3	63	179
Dip. Intracellularis Meningitis												
Staph. pyogenes albus	2				10	33			6		51	
Staph. pyogenes aureus	3					4					7	
Staph. pyogenes citreus											0	58
Streptococcus pyogenes	3	4	1		10	31			1		50	
Erysipelasis					2	1		1		1	5	55
Widal's reaction—Positive	6	17	25	15	20	16	7	6	0	4	116	
Negative	19	22	64	23	43	4	9	5	4	6	199	315
Blood Count—Red Blood Cells	1	4		3	2	1	7	6	0		24	
White Blood Cells, Normal	2	3			15	0	9	1	15		44	
Leucocytosis	4	13		5	10	17	7	4		21	81	
Leucopenia		1			2			1		1	5	154
Eosinophilia						1						1
Number of plates made												
Number of cultures made	23	22			12	1			4	1		63
Number of fecal analyses made					1							1
Number of qualitative analyses made												
Number of quantitative analyses made												
Number of stomach analyses made												
Number of lumbar punctures												
Miscellaneous	3	15	8							1	27	27
Haemaglobin estimate					5						5	5
Total												2829

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TABLE SHOWING LESIONS FOUND UPON MICROSCOPIC EXAMINATION OF TISSUE OBTAINED FROM AUTOPSIES HELD AT THE CITY HOSPITAL JUNE 1, 1903, TO MARCH 31, 1904, INCLUSIVE.

REMARKS—The routine practice followed in this work is to make sections from the Liver, Spleen, Kidneys, Lungs, of every autopsy held at the Hospital, and such other miscellaneous tissue as special cases may demand

	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
APPENDIX—											
Appendicitis—Acute	1		2								3
Appendicitis—Chronic					1						1
ARACHNOID PLEXUS—											
Normal						1					1
BLADDER—											
Cystitis					1						1
Hypertrophy						1		1			2
BRAIN—											
Carcinoma									1		1
Edema and Congestion	1										1
Normal		1									1
Purulent Meningitis							1				1
Sarcoma, round cell						1					1
FALLOPIAN TUBES—											
Chronic Inflammation		2									2
Pyosalpinx			1								1
Round Cell Infiltration				1							1
HERNIAL SAC—											
Inflammation, Chronic			2	1	1						4
Sarcoma		1									1
HEART—											
Brown Atrophy			1	8	1	1				2	13
Cloudy Swelling					1						1
Fatty Infiltration						2	2	1			5
Fatty Degeneration	1		2		5	8	1	2			19
Hypertrophy							1				1
Myocarditis		1	3	3	2	3	4				16
Normal	1	2		1	2	4		2		4	16
INTESTINE—											
Carcinoma	1					1					2
Enlarged Follicles	1										1
Erosion	1										1
Inflammation		2			1						3
Infiltration—Fatty			1								1
Peritonitis					1			1			2
Ulcers Typhoid			2	1	1			1	1	1	7
Ulcers T. B							1				1

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	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
KIDNEY—											
Acute Interstital Nephritis		1	3	1	4	4	3	1	2	11	30
Acute Parenchymatous Nephritis	2	5	4	5	1	3		1	6	5	32
Acute Diffuse Nephritis	1	8	7		4	2	1	7		3	33
Active Hyperemia		1	1		1	2		1		5	11
Anaemic infarct										1	1
Carcinoma	2										2
Cloudy Swelling	1	3	1			7		1			13
Chronic Interstitial Nephritis		2				3	7		2	2	16
Chronic Diffuse Nephritis				3	8						11
Cyanotic Induration							1	1			2
Chronic Parenchymatous Nephritis	2		1	4	3	2	1				13
Fatty Infiltration			2	1				2			5
Hemorrhagic Nephritis	2								1	1	4
Miliary Tuberculosis				1							1
Normal		1			2	1		1	1	1	8
Passive Hyperemia		1					1				2
Pgels-Nephrosis					1						1
Tuberculosis			1								1
LIVER—											
Amyloid Degeneration			1						1		2
Abscess				1							1
Atrophy and Fatty Infiltration	2	2			1						5
Central Atrophy					5	1			1		7
Cirrhosis and Fatty Degeneration	1	3									4
Carcinoma. Metastatic	1										1
Congestion and Atrophy											
Congestion		2				1					3
Cloudy Swelling and Fatty Infiltration			2	1						1	4
Cloudy Swelling and Interstitial Hepatitis			2								2
Cloudy Swelling			5	3	4	8	1	4	2	2	29
Cirrhosis			2	2	2					11	17
Chronic Inflammation				1							1
Carcinoma				1							1
Endothelioma		1									1
Fatty Infiltration	2	7	2	2	5	5	5	1	2	4	35
GUMMA—											
Hyperemia				3							3
Interstitial Hepatitis		3		1	7	4	2	8	3	11	39
Infarct									1		1
Miliary Tuberculosis				1							1
Normal		4	2	1		1				8	16
Peri-hepatitis and Fatty Degeneration											1
Peri and Interstitial Hepatitis			1								1

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	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
Pigmentation				1							1
Round Celled Infiltration			1			1					2
Syphilis and Fatty Infiltration		1									1
Tuberculosis	1					1					2
LUNG—											
Acute Capillary Bronchitis					1						1
Atelectosis						1	1		1		3
Broncho-Pneumonia		1		1			1				3
Bronchitis						1					1
Cheezy Degeneration		1									1
Congestion				2	2	1	1	1	1	1	9
Edema					4		1				5
Emphysema					1	2					3
Fibroid								1	1		2
Gray Hepatization		1		1	3	1	1	3	1	16	27
Hypostatic Congestion					1	4	1	2	1		9
Lobar Pneumonia	2	1	1		2	2	2	3			11
Miliary Tuberculosis				1	1						2
Normal						1		1		1	3
Red Infarct										1	1
Red Hepatization				1	2		1	1	11	1	17
Tuberculosis			1		2	1	2	1	1	3	11
Tubercular Scar					3	2					5
LYMPH-GLAND—											
Chronic Lymphodinitis			1								1
Hyperplasia										1	1
Mesenteric Tuberculosis	1					1	1				3
Peri-bronchial T. B.				1			1				2
Peri-bronchial Normal							1				1
OESOPHAGUS—											
Carcinoma							1				1
OVARY—											
Normal		2									2
PANCREAS—											
Normal		1			1			1			3
Necrosis											
PERICARDIUM—											
Pericarditis					1			1			2
PERITONEUM—											
Tuberculosis					1						1
PLEURA—											
Inflammation		1									1
PROSTATE—											
Hypertrophy								1			1

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	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
SPLEEN—											
Atrophy					2						2
Amyloid			1						1	1	3
Acute Splenitis	1	7	6	3	8	4	2	3			34
Acute Interstitial Splenitis			4	4	4	5			1	5	23
Chronic Interstitial Splenitis	1	3	3			1	3	4	1	1	17
Chronic Splenitis	1		2	1	1	2	2	1		1	11
Cloudy Swelling			1								1
Congestion		8	2	2	1	2			1	9	25
Fatty Infiltration		1					1				2
Hyperaemia				1							1
Hyperplasia		1		1				1		2	5
Infarct	1									1	2
Leukaemic Infarct				1	1						2
Miliary Tuberculosis				1							1
Normal		1		1	1	3	1	1		3	11
Pigmentation	1										1
Septic Spleenitis	1				7	1	2	1			12
Schlerosis		1									1
Syphilis		1									1
Tuberculosis	1					1	1			1	4
STOMACH—											
Carcinoma			1				1			1	3
Fibro Sarcoma								1			1
SUPRA RENAL BODY—											
Tumor			1								1
THYMUS GLAND—											
Normal		1									1
TRACHEAE—											
Normal						1					1
TUMORS—											
Epithelioma—Lower Lip					1						1
Lipoma					1						1
URETHRA—											
Fibroid								1			1
UTERUS—											
Congestion	1										1
Carcinoma					1	1					2

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LESIONS FOUND AT AUTOPSIES.

	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
ACITES	2					2		1			5
APPENDIX—											
Gangrene								1			1
Obliterated							2				2
Peritonitis							1				1
ARTERIAL SYSTEM—											
Arteroscloroses	3										3
Atheroma, Aorta	2					4	2	2	9	10	29
Aneurism, Transoerseaorta		1									1
Aneurism, Ascending Aorta									1	1	2
Aorta, Dilatation	1	1						1			3
Aneurism, Abdom. Aorta	1										1
BLADDER—											
Atony											
Congestion										1	1
Cystitis		1				1		1	1	1	5
Dilatation	1					1					2
Hemorrhagic Cystitis		2									2
Hypertrophy						1		1			2
Perforation										1	1
Purulent Hemorrhagic Cystitis	1					1					2
Necrosis						1				1	2
BONES—											
Old fracture of left Radius	1										1
BRAIN—											
Congestion	1								1		2
Effusion in Lateral Ventricles										1	1
Hemorrhage								1	1		2
Meningitis	2								2	5	9
Miliary Tube of Choroid Plexus	2										2
Oedema	5	2			3	4	2		2	3	21
Softening	1	1			3				3	2	10
Superiosteal Hemorrhage	1										1
Tumor											
CERVIX—											
Endoceovicitic	1										1
CHEST WALL—											
Abscess										1	1
ESOPHAGUS—											
Congestion										1	1
GALL BLADDER—											
Haemarrhoids	1										1
Adhesive to Duodema						1					1

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	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
GLANDS—											
Mesenteric—Calcified			1								1
Mesenteric—Caseous			1								1
Hypertrophy					1	1				1	3
Lymphoid—Infiltration										1	1
Mesenteric—Malignant Modules	1										1
Mesenteric—Tuberculosis	1				1	1	1				4
HERNIA—											
Right Inguinal	1								1		2
Strangulated Femoral	1										1
HEART—											
Aortic Insufficiency	3		1			1			1	1	7
Aortic Vegetation	1						1				2
Aortic Stenosis									2		2
Aneurism						1					1
Atrophy							1				1
Atheroma of Arteries		1	2				7	7			17
Brown Atrophy	1	2	5		3	4	6	3		7	31
Calcareous Deposits on Valves	1	1									2
Dilatation and Hypertrophy	11	6				2					19
Dilatation					2	2	2	2	7		15
Endocarditis		1				1	1	4		2	9
Endocarditis Verrucose							1	1	1		3
Fibrous Pericarditis		1	1				1				3
Hydropericardium			1			2	4		1		8
Hypertrophy			2		5	3	13	7	4	7	41
Mitral Insufficiency	2	1	5	1	1	2			2	1	15
Mitral Stenosis	1					2		1	4		8
Myocarditis	1		8		2	10	14	14	1	4	54
Normal					1						1
Pericard Miliary T. B			1								1
Pericarditis	1	3	3		5		2	8	5	4	31
Relative Insufficiency of Mitral and T. C	1										1
Fatty Infiltration and Degeneration	33	21	15		12	10	10	3		3	107
Tricuspid Insufficiency	3	3	3			2			1		12
INTESTINE—											
Chronic Catarrh	2									2	4
Colitis									2		2
Congestion		3	1			1			3		8
Enteritis									4		4
Hemorrhagic Enteritis	2		1	2		1					6
Malignant Degeneration	1										1
Necrosis	1										1

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	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
Peritonitis	1					3	1	4	1		10
Proctitis and Colitis	1										1
Pyeos Patches	1										1
Tollicular Enteritis									1		1
Tuberculosis			1								1
Tuberculous Ulcers		1	1		1	2		1		2	8
Typhoid Ulcers					2	2		1			5
Visceroptosis						1					1
KIDNEY—											
Abscess	1		1								2
Acute Diffuse Nephritis	8	5	2	5		3	4		6	1	34
Acute Parenchymatous Nephritis	7	2	6	5		5	15	6	13	5	64
Chronic Diffuse Nephritis	3	5	7	7		2	2	17	7		50
Chronic Interstitial Nephritis	8	7	2			15	18	4	9	27	90
Cloudy Swelling	3	8	1								12
Congestion	3		2		2	5	1		2	5	20
Cyanatic							1				1
Cystic	1									3	4
Fatty Degeneration							1	1			2
Hydro Nephritis		1									1
Hyperplasia		1									1
Infarct	1					1			2		4
Malignant Degeneration	2										2
Nephrolithiasis	1	2									3
Pyelo Nephritis				1							1
Pyonephritis		3		1							4
Tuberculosis	1		1	1		1					4
Syphilis									1		1
LARYNX—											
Congestion	1									2	3
Ulceration	1										1
Epithelioma	1										1
Tuberculosis							1				1
LIVER—											
Abscess			1								1
Acute Hepatitis								1			1
Carcinoma				1			1				2
Central Atrophy	16	10	7	6	7	1	3	2	5		57
Cirrhosis			1	2		2	1	1	5	6	18
Cholelithiasis		1					2	1	2	1	7
Cloudy Swelling	2	3		1	6	9	11	13	6	4	55
Congestion	10	8	3		6	1	3			5	36
Fatty Infiltration	15	10	11	3	3	6	15	7	10	7	87

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	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
Gumma									1		1
Hyperaemia				3							3
Hyperplasia							1				1
Infarct									1		1
Interstitial Hepatitis	3	11	4	3	4	12	20	18	22	10	107
Miliary Tbc		1									1
Parenchymatous Degeneration			4								4
Pigmentation				1							1
Septic									1		1
Syphilis	1										1
Tuberculosis	3										3
LUNGS—											
Abscess	4	1					3				8
Atalictasis	1	1	1		1	2	3		3	2	14
Bronchitis	1							1	4	4	10
Bronchitis, Purulent	2										2
Broncho-Pneumonia	3						3		1		7
Congestion, Acute	2		1			7	7	6	2	1	26
Congestion, Hypostatic	11		3			7	4	5	3	5	38
Emphysema	3	1					2				6
Emphyema				2			1	2		1	6
Fibrinous and Fibrous Pleurisy	20	20	16	6	9	5	28	25	17	20	166
Fibrous Induration		1									1
Hydrothorax								10	1		11
Infarct								1			1
Lobar Pneumonia	2					2	8	6	2	14	34
Oedema	6	6				3		6	3		24
Pleurisy with Effusion	3		4				10		3	3	23
Pleura, Malignant Growth		1									1
Pneumothorax			1				2	1			4
Pyothorax								1			1
Red Hepatization							2	1	8	1	12
Tuberculosis	19	28	7	3	12	9	16	17	3	11	125
Tuberculosis of Peri Bronchial Glands	20	4	1	3		1					29
MOUTH—											
Pyora Alvestiarsis										1	1
OMENTUM—											
Adhesion to Peritoneum	1										1
Epiplocele	1										1
OVARY—											
Cystic	2	1						1	1		5
PANCREAS—											
Carcinoma						1					1

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	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
											1
Cystic Degeneration											
Interstitial Pancretch									2	1	3
Necrosis					1	1					2
Tuberculosis											
PERITONEUM										2	2
Acute Purulent Peritonitis	1		1	2							4
Chronic Adhesive Peritonitis	1		1								2
Containing Effusia	1										1
General Adhesive Peritonitis	1										1
General Purulent Peritonitis	1							3		1	5
Tuberculosis		4									4
PROSTATE—											
Hypertrophy	3										3
Cystic					1	1					2
SCROTUM—											
Cystitis									1		1
Oedema									1		1
SUPRARENAL BODY—											
Atrophy Capsule					1					1	2
Tuberculosis						1				1	2
SPLEEN—											
Atrophy				4					1	1	6
Amyloid Degeneration							1				1
Congestion, Chronic	9								1		10
Congestion, Acute	12	3	3	14	1	1	1		1	8	44
Cystic									1		1
Hyperplasia	1	5	1						2		10
Infarct		2		3						1	6
Leukaemia				5							5
Spleenitis, Chronic Interstitial	13	17	5	5	2	11	11	14	25	10	113
Spleenitis, Acute			7	13	3	8	9	11	2	5	58
Spleenitis, Purulent	8	2	4	11	5	6	10		1	4	51
Tuberculosis, Miliary	1	1	2								4
Tuberculosis	1			1		1					3
STOMACH—											
Acute Gastritis	3	4	1								8
Corcinoma				1			2			1	4
Chronic Gastritis	3		2	2			1			2	10
Congestion										1	1
Dilatation and Hypertrophy	4										4
Tuberculosis				1							1
Ulcer of							1				1

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	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
STERNUM—											
Abscess										1	1
TESTICLE—											
Hydrocele	1										1
TUMOR—											
Lipoma of Arm										1	1
TONSIL—											
Enlarged										1	1
Ulceration	1										1
UTERUS—											
Chronic Endocervicitis	1										1
Fibrous Degeneration							1	1			2
Hydro Salpinx									1		1
Pregnant				1							1
Pyosalpinx	1										1
URETER—											
Dilatation				1							1
Double				1		1					2
Hydrometer				1							1
URETHRA—											
Dilatation								1			1
Bulbous								1			1

TABLE SHOWING NUMBER OF AUTOPSIES HELD AT CITY HOSPITAL JUNE 1 TO MARCH 31, INCLUSIVE.

	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total	
WHITE—												
Male	20	10	14	19	13	15	31	34	32	25	213	
Female	2	3	3	2	2	4	6	4	3	6	35	248
COLORED—												
Male	9	9	4	5	3	10	7	8	4	5	64	
Female	0	1	4	0	1	1	1	1	1	3	13	77
Total	31	23	25	26	19	30	45	47	40	39		325

Total number of autopsies held, 325.

To Hon. John H Simon, M. D., Health Commissioner.

Respectfully,

(Signed) C. A. SNODGRAS, M. D.,

City Bacteriologist and Pathologist of the City Hospital.

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VI.

CITY HOSPITAL.

Superintendent and Staff.

John Young Brown, M. D.....Superintendent
Wm. J. Doyle, M. D.....Assistant Superintendent
Walter C. G. Kirchner, M. D.....Assistant Superintendent
Ralph D. Riley, M. D.....Senior Assistant Physician
Henry N. Van Hook, M. D.....Senior Assistant Physician
Wm. J. Clark, M. D.....Senior Assistant Physician
Arnold L. Brandt, M. D.....Senior Assistant Physician
Christian P. Glahn, M. D.....Senior Assistant Physician

Elizabeth Rowan.....Chief Clerk

	Appropriations.	Balances.	Overdrawn.
For Salaries, etc	$36.000 00	$ 568 15	.....
For Groceries, etc.	50.000 00	2.421 99	.....
For Drugs, etc.	10.000 00	1.496 50	.....
For Dry Goods, etc.	12.000 00	1.271 52	.....
For Forage, etc.	2.750 00	269 34	.....
For Labor and Material	1.000 00	173 34	.....
For Rent	12.000 00	.....	.....
For General Repairs	1.000 00	216 43	.....
For Special Appropriation	1.750 00	1.750 00	.....

St. Louis, June 23, 1904.

Dr. John H. Simon,
Health Commissioner.

Dear Sir—I beg leave to submit to you the 38th Annual Report for the St. Louis City Hospital. During the fiscal year, beginning April 1, 1903, and ending March 31, 1904, there were treated at this institution 12,102 patients. Examination of the tables herewith submitted will show a classification of these cases. In order that this material might be of value, it has been our effort to keep careful records of all cases admitted. These records consist of full histories of each case. Clinical diagnosis has in all cases where it was possible been corroborated by bacteriological and chemical diagnosis. If you will examine the report of the City Bacteriologist, you will see that every effort has been made to throw light on cases admitted here by means of laboratory examination.

Regarding the surgical work we have full and complete records of all cases. This includes history of cases, blood and urine examination, typewritten reports of work done at operation, and in all cases where specimens have been removed these have gone immediately from the hand of the surgeon into a sterile jar and from the operating room to the pathologist. His report is returned in type and includes not only description of gross pathology of specimens, but also microscopical and bacteriological findings. These with the bedside notes of case make a most complete record, and enables us at any time to tell in any given case just what was done and what was found. This detail is carried out in all cases coming to operation.

I have in preparation an exhaustive report on the operative work done for Hernia, Pus in Pelvis, Gunshot Wounds of the Chest and Abdomen, etc. These reports will take up a year's work, describing the methods employed and giving results. They will be published in leading medical journals, and I shall ask you at a later day to have these reprints printed in suitable form as a record of this department.

That you may see the character of work we are doing, the following is a report of 23 cases of Gunshot and Stab Wounds of the Abdomen operated upon during the last year, and reported by me at a meeting of the American Association of Obstetricians and Gynaecologists, which convened at Chicago last September. Since this report was made a

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number of additional cases have been operated upon, and I expect to report them in detail at an early date.

Taken from the New York Medical Journal and Philadelphia Medical Journal, April 16, 1904:

"PENETRATING AND PERFORATION GUNSHOT AND STAB WOUNDS OF THE ABDOMEN, WITH REPORT OF CASES."

"By John Young Brown, M. D., St. Louis, Surgeon in Charge of City Hospital."

"It is generally agreed among surgeons that all penetrating gunshot and stab wounds of the abdomen should be treated by immediate section, with repair of all visceral injuries. A careful analysis of the statistics of Klem, Douglas and Parker will lead us to but one conclusion. True it is that the Spanish-American and Anglo-Boer wars led them to advocate the expectant treatment of such cases. It will, however, be difficult to convince those surgeons who have had any experience in the operative treatment of wounds of this character, that bullet wounds of the bowel received in battle differ in any particular from the visceral injuries and peritoneal perforations inflicted in times of peace; and while, as Senn remarks, 'there are many circumstances in military practice that militate against the propriety and feasibility of resorting to formidable surgical interference in such cases,' he strongly advocates prompt surgery in all cases in which, owing to the course of the missile, it is reasonable to assume that the bullet has made visceral injuries that would be almost certain to destroy life without surgical interference. The brilliant work of H. H. Grant, Richard Douglas, Mayo, Rodman, Vance, La Place, Ochsner, Louis Rassieur and others, leaves no room to question the advisability of prompt and thorough surgery in the treatment of these cases. The questions to be determined in the future are, not when to operate, but how and by what surgical methods we can best meet the indications in such cases. My opportunities for observing wounds of this character are exceptionally good. At the St. Louis City Hospital, of which institution I have charge, we receive almost all the gunshot injuries occurring in that city, and as St. Louis is a city of 700,000 people, we, perhaps, treat more of these cases than are treated at any one institution in this country. During the last three months I have operated in an interesting series of cases, which I wish to report for your consideration, giving, in detail, the methods employed. This I can best do under separate heads.

Preparation of Patient.

"When a gunshot or stab wound of the abdomen is received at the hospital, it is assumed that the wound is a penetrating one, until it is proved to the contrary; consequently the patient is immediately prepared with the same care as for laparotomy; catheterization is performed, the abdomen shaved, scrubbed with green soap, washed with bichloride and alcohol, and when the preparations are complete, his wounds are examined, to determine whether the bullet or knife has penetrated the peritoneal cavity. The wound of entrance is enlarged and the track of the bullet is treated with sterile finger. The probe is never used, except to complete the investigation. Occasionally a case will occur where, even after cutting down to peritoneum, it is difficult to demonstrate penetration. This condition is often found where the wound is made by a bullet of small calibre. Here, the probe is is a valuable instrument. Case VI. illustrates this point. This patient was brought to the hospital with small bullet wound through the right rectus muscle, half an inch below and to the right of the umbilicus. There was no evidence of shock. Pulse good; to all appearances the wound was an innocent one. The wound was enlarged but the finger could not demonstrate penetration. The patient was anaesthetised and the wound

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opened down to the peritoneum; with a probe a small opening in the peritoneum was found. Section was immediately made and two wounds of the small bowel repaired.

"This case is doubly instructive in that it demonstrates the difficulty encountered at times in determining penetration, as well as the importance of demonstrating this point. Here was a wound, apparently a non-penetrating one, which proved to be not only penetrating but perforating. When a knife or bullet has penetrated the peritoneal cavity, there is but one method of determining perforation, and that is by means of an abdominal section and a careful investigation of the abdominal viscera. An extensive operative experience has taught me that this is the only safe course. I have time and time again opened the abdomen when all symptoms pointed to perforation and have, after thorough search, found no injury to the viscera. Then, again, I have operated, expecting to find no injury to the bowel, and have found anywhere from one to nine perforations. Section, properly performed, is safe, and, like some of our elections laws, 'leaves nothing to chance.' During the last three months we have had eight exploratory laparotomies for gunshot wounds, without a death. The hydrogen gas test of Senn I do not consider safe. In distending a bowel injured in one or more places, fecal extravasation is almost bound to occur. When penetration is proved, section should follow as a natural sequence.

The Incision.

"In the majority of cases I have found a median abdominal incision best suited. The incision may be short or long; personally, I prefer a long incision. It may be below or above the umbilicus. In gunshot wounds it is wise to make an incision from the ensiform cartilage to the umbilicus. Through such an incision the viscera can be systematically gone over, and this is essential, for the extent of injury done by a bullet can never be determined until the abdominal contents have been thoroughly gone over. In stab wounds, the location of the wound should govern us, both as regards length and situation of abdominal opening.

Search for Visceral Injuries.

"I cannot emphasize too strongly the importance of systematic search for visceral injuries. Success in the treatment of these cases depends on the thoroughness with which the surgery is done. To repair three or six wounds of bowel and leave one, defeats the purpose for which the operation was performed. Case VIII. will illustrate this point.

"While it is probable that this patient would have died, even if perforations had not been overlooked, it nevertheless emphasizes the importance of careful search for all bowel injuries. It is our custom in all cases of gunshot wounds of the abdomen, to examine the viscera in the following manner: The stomach is examined fore and aft; the liver and spleen are then gone over. Beginning at the angle of Tritz the small intestine is followed to ilio-cecal valve. The ascending, transverse, descending colon, and the sigmoid flexure are then examined. A systematic search of this character precludes the possibility of overlooking injuries to peritoneal contents.

Control of Hemorrhage.

"Injuries to vessels of the mesentery and omentum can be readily controlled by ligature. Hemorrhage from the liver, pancreas, and spleen are, in some cases, hard to manage, either by ligature or suture. In such cases a properly applied gauze tampon should be used. The following is of exceeding interest and demonstrates how difficult it is in many cases to control hemorrhage:

"Mandy B., aged 28 years, was admitted to the hospital suffering from stab wound of the abdomen. A knife had entered the outer border of the left rectus muscle, on a level with the eighth rib. The wound was traced and found to have taken a slanting course and to have pene-

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trated. Patient was suffering considerable from shock. She was immediately anaesthetised and the abdomen was opened. On opening the peritoneum the hemorrhage was found to be profuse. An incised wound of the lower border of left lobe of liver was found, enclosed with two silk sutures. There was marked gastroptosis. The knife blade was found to have grazed the upper border of the pylorous, to have cut through the gastrophepatic omentum and to have entered the head of the pancreas. The hemorrhage from this source was alarming. An effort was made to control this with ligature, and by tying en masse was partly successful. Careful gauze packing stopped the bleeding completely and the patient made an uneventful recovery. There are a number of interesting points in regard to this case, which I will fully discuss in a future article.

Irrigation and Drainage.

"I am a great believer in the virtue of irrigation and drainage in the treatment of wounds of this character. Physiological salt solution is invariably used, and used in large quantities. The apparatus is the flush tube and funnel of Price. The objects to be obtained are: First, to cleanse the peritoneal cavity; second, to combat shock. To accomplish the first purpose, the irrigation should be thorough. The region of the liver, spleen, both iliac regions, and the pelvis are flushed until the irrigating fluid returns clear. This, as a rule, is done at the completion of the operation. In cases where the shock is great, it is my custum to fill the peritoneal cavity with salt solution as soon as the abdomen is opened. The solution is rapidly absorbed, and it is remarkable how quickly the pulse will respond. Regarding drainage: I believe in all cases where there has been a solution of continuity of bowel, the drain should be used. In my early work it was my custom to use gauze wicks; these I found unsatisfactory. I now drain with glass, the tube being placed in the pelvis through a stab wound above the pubes. The patient is then placed in the exaggerated Fowler position. I cannot speak too highly of this method of drainage. If it is necessary to use a gauze tampon, I invariably endeavor to bring the gauze through the wound of entrance so that the laparotomy wound can be completely closed.

Closure of Wound.

"As the incision in these cases is always a long one, the greatest care consistent with rapid work should be exercised in closing it. A properly applied through and through silkworm-gut suture meets all the indications. It can be rapidly applied and saves much valuable time. If the patient's condition is good, buried sutures may be used.

Resection of Bowel.

"In no class of surgery is time so important a factor as in cases of this character. There may be surgeons who can make an anastomosis by one of the various sutures methods as rapidly as it can be done with a Murphy button. I consider the button the ideal method of making an end to end anastomosis; consequently, I use the button. It is quick, the approximation is perfect and the union, as I have demonstrated, both in animals and on the human, is superior to any known method of suture. The specimen, which I will presently show, is a beautiful illustration of this fact.

"The following cases I shall briefly report:

"Case I.—Wm. O. Patient was admitted to the hospital suffering from a stab wound of the left side, the knife entering at lower border of twelfth rib, one inch to the left of mammary line. The wound was traced and found to penetrate the peritoneal cavity. The patient was immediately prepared for section. An incision was made in median line, extending from one-inch below the ensiform cartilage to one inch below the umbilicus. On opening the abdomen the peritoneum was found

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filled with beer, spaghetti and blood. On examining the stomach a wound was found in the interior wall, from which the contents of the stomach were freely escaping. The stomach wound was immediately closed with through and through sutures of silk, which were buried by row of Lembert stitches. A systematic search was made for other injuries to viscera, but none were found. Abdominal cavity was freely flushed with five gallons of physiological salt solution. A drain was introduced through the original stab wound, and the median incision was closed with buried silk for the peritoneum, and fascia and silkworm-gut for the skin. In this case, although the stomach was perforated and the abdomen was full of blood and stomach contents there were no evidences of perforations revealed prior to section. Before the patient came out from anaesthetic, the stomach was washed out with stomach tube. Recovered.

Case II.—Wm. W. Patient was admitted to hospital suffering from gunshot wound of the abdomen. The bullet had entered the abdominal cavity on the left side, three inches to the left of and one inch above the umbilicus. The wound was traced and found to be penetrating. The abdomen was opened—a six-inch incision extending from one inch below the ensiform cartilage to the umbilicus. The usual search was made for visceral injuries. Seven perforations of ileum were found, which were closed with through and through sutures and buried with Lembert sutures. The peritoneal cavity was flushed with five gallons of salt solution. Two gauze drains were placed. The wound was closed with through and through sutures of silkworm-gut. Recovered.

"Case III.—Laura B. Patient was admitted to hospital suffering from a gunshot wound of abdomen and right forearm. The bullet had entered the abdominal cavity three inches to the right of the median line and one inch below umbilicus. The wound was traced and found to penetrate the peritoneal cavity. She was immediately prepared for section. A median incision was made, six inches in length, extending one inch below the ensiform cartilage, to one inch below the umbilicus. Examination revealed two perforations of the small bowel, which were closed with through and through sutures, buried by Lembert sutures. The peritoneal cavity was flushed with hot salt solution, a gauze drain placed, and incision closed with through and through silkworm-gut. Patient made an uninterrupted recovery.

"Case IV.—Lucille M. (colored). Patient was admitted to hospital suffering from gunshot wound of the abdomen. The bullet had entered the right rectus muscle half an inch to the right of, and above, the umbilicus. Patient had been drinking freely prior to admission. The bullet wound was traced and found to penetrate the peritoneal cavity. Patient suffered little from shock and there were absolutely no evidences of penetration. The bladder was catheterized and the urine contained no blood. She was immediately prepared for section. An incision, six inches long, in the median line, extending from one inch below ensiform cartilage to one inch below the umbilicus, was made. On opening the peritoneal cavity, quite a good deal of blood was found. The stomach was examined fore and aft, and no perforation was found. Beginning at the angle of Tritz, the small intestine was gone over. Nine perforations were found in the small bowel. Six inches of small bowel were resected and anastomosis was made with Murphy button. Three other perforations were repaired with through and through silk sutures, buried by interrupted Lembert sutures. The ascending transverse and descending colon and sigmoid fixture were then examined and found to be intact. The peritoneal cavity was copiously irrigated with five gallons of physiological salt solution. A glass drain was placed at the lower angle of the wound and a small gauze drain through the wound of entrance. The incision was closed with through and through silk sutures and the usual dressing applied. Patient was put to bed in fairly good condition. Time of operation sixty-five minutes. Patient recovered.

"Case V.—William L. Patient entered hospital suffering from a stab wound of the abdomen. The knife had entered the abdominal

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cavity in right iliac rectum, midway between the anterior superior spinous process of the ilium and umbilicus. Patient gave no evidence of perforation. The wound was traced and found to penetrate the peritoneal cavity. Section was made immediately after the usual preparation. Incision was made in the median line, four inches in length, extending from the umbilicus to one inch above the pubes. Four perforations of small intestines were found and repaired with through and through sutures of silk, buried by a row of Lembert sutures. Cavity was flushed with hot salt solution. Gauze drain. Wound closed with through and through sutures of silkworm gut. Patient made an uninterrupted recovery.

"Case VI.—Charles W. Patient admitted August 24th, suffering from gunshot wound of the abdomen. Bullet entered right rectus muscle half inch below, and to right of, umbilicus. There were no evidences of penetration or perforation. The wound of entrance was enlarged, but finger was unable to demonstrate peritoneal penetration. Patient was anaesthetized and the wound further enlarged and a retractor introduced. After careful search, peritoneal penetration was demonstrated with probe. On opening the abdomen, there was considerable blood in the peritoneal cavity. The usual search was made for intestinal perforations. Two perforations were found in the small bowel and closed with a double row of Lembert sutures. The peritoneal cavity was copiously irrigated with hot salt solution and the wound closed with layer sutures of silk. No drainage. This case was interesting in the extreme. as the patient gave no evidence of penetration or perforation, and it was only after a free division of the track down to the peritoneum and the introduction of a retractor that the penetration of the peritoneal cavity was demonstrated. The dressings were of dry gauze and the usual binding.

August 26th—Forty-eight hours after section the patient developed symptoms of intestinal obstruction. The abdomen was opened. Owing to the close proximity of wounds in the small bowel, it was found that the lumen of the gut was contracted. Quick resection was made with a Murphy button. Cavity irrigated. A drain placed in upper angle of wound. Incision closed. Patient did well up to September 3rd, when he developed pneumonia. He died September 6th. Autopsy showed the Murphy button loose in the bowel; union perfect. No evidences of peritonitis. A small fecal fistula was found in the upper angle of the wound; result of agglutination of the bowel to the line of peritoneal incision. No leakage into the peritoneal cavity.

"Case VII.—Will J. Patient entered hospital suffering from a gunshot wound of the right shoulder, left arm and wrist; also a gunshot wound of the abdomen. The bullet had entered the abdomen above the umbilicus, one inch to the right of the median line. The bullet was traced and found to penetrate the peritoneal cavity. Patient vomited a considerable quantity of blood and was suffering from shock and gave evidence of severe internal hemorrhage. Section was done immediately. On opening the abdomen in the median line, quite a quantity of blood was found in the peritoneal cavity. Search revealed a huge tear in the transverse colon; extensive injury to mesentery and omentum. Bowel contents, consisting of beer, etc., was free in peritoneal cavity. Hemorrhage was checked and quick resection of transverse colon made with Murphy button. Cavity flushed with hot salt solution. Gauze drain placed. Patient returned to bed. Patient died of shock three hours after operation. This case was very unpromising from time he entered hospital and surgery held out to him little hope.

"Case VIII.—Frank M. (colored). Patient was brought to hospital suffering from gunshot wounds of right ilium. He was brought in from the country, having been shot the night before, and when admitted his abdomen was distended. Temperature 103 F.; pulse 140. He was immediately prepared for section. Six inches of small bowel were resected, in which four perforations were found. Anastomosis made with Murphy button; the wound in the caecum was closed. Patient died forty-eight

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hours after operation. Autopsy showed leakage from undiscovered wound in small bowel. The other wounds showed no leakage. Murphy button union tight. This patient was suffering from widespread peritonitis when admitted to hospital. The peritoneal cavity was full of bowel contents, a number of grains of corn being found. Although a careful search was made for bowel injuries, one was overlooked. This was due to the congested condition of the bowel and to the desire on my part to finish the operation quickly, owing to the bad condition of the patient. The autopsy was interesting, in that it showed the Murphy button union was tight; also, the wounds closed with sutures. The case was unpromising from the beginning, and the patient perhaps would have died even if the perforation had not been overlooked.

"Case XI.—Matheu L. Patient was admitted to hospital at 1:25 a. m., suffering from gunshot wound of the abdomen. The bullet had entered the right rectus muscle, half an inch to the right of and one inch above the navel. Patient was suffering from shock and gave evidence of internal hemorrhage. The bullet wound was traced and found to penetrate the peritoneal cavity. Patient was prepared immediately for section. An incision was made in the median line, six inches in length, and extending from one inch below the ensiform cartilage to one inch below the umbilicus. Examination revealed eight perforations of the small bowel, all within an area of nineteen inches. The bowel was resected, with the Connell suture, nineteen inches of gut being removed. Considerable bowel contents free in peritoneal cavity. No other visceral injuries discovered. Abdomen freely flushed with hot salt solution. Wound closed with through and through silkworm gut sutures. Patient died forty-eight hours after section. General peritonitis.

Wounds of the Liver.

"Case I.—Mames McC. Patient was suffering from stab wound of the abdomen. The knife had entered the epigastric region through the right rectus muscle. Patient showed no evidence of shock. Wound was traced and found to penetrate peritoneal cavity. Patient was prepared for section in the usual manner. An incision was made in the median line, six inches in length, extending from an inch below the ensiform cartilage to one inch below the umbilicus. Stomach and intestines examined; no perforation. An incised wound of the liver was found, which was closed with two silk sutures. Blood was sponged out of peritoneal cavity. Wound closed without flushing or drainage. Patient made uninterrupted recovery.

"Case II.—Fannie G. Patient was admitted to hospital suffering from stab wound of the abdomen. The knife had entered one inch and a half below the ensiform cartilage slightly to left of median line. Wound traced with finger and found to penetrate. Patient was immediately prepared for section. A six inch incision was made in the median line, extending one inch below the ensiform cartilage to one inch below the navel. On opening the peritoneal cavity the abdomen was found filled with blood. Abdominal contents carefully gone over, but no injury to intestines found. An incised wound in the liver was discovered, from which the hemorrhage came. Wound was packed with gauze, which controlled the hemorrhage. Cavity flushed with hot salt solution. Abdomen closed. Patient made uninterrupted recovery.

"Case III.—Al. S. Patient admitted to hospital suffering from two stab wounds of abdomen. The knife had entered one inch and a half below the ensiform cartilage, slightly to left of median line. Wound traced with finger and found to penetrate. Patient was immediately prepared for section. A six-inch incision was made in median line, extending from one inch below ensiform cartilage to one inch below the navel. On opening the abdomen, the peritoneal cavity was found filled with blood. A wound was found in the liver, right lobe, which admitted one finger. Hemorrhage was quite free. The wound was immediately plugged with gauze and the gauze brought out through

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wound of entrance. This controlled the hemorrhage. Systematic search was made for other visceral injuries, but none were found. Copious irrigation, with salt solution, was then made and the incision closed with buried sutures: silk for the peritoneum and fascia and silkworm gut for the skin. Patient left the table in fair condition. Recovered.

"Case IV.—Harry D. Patient admitted to hospital suffering from gunshot wound of the abdomen. Bullet had entered the right side, at the border of the ninth rib, two inches and a half to the right of median line, radiating downward and outward. The wound was traced and found to be penetrating. Patient was immediately prepared for section. A median incision was made six inches in length, extending from the ensiform cartilage to one inch below the navel. A wound in the right lobe of the liver was found; hemorrhage quite free. Wound was packed with gauze and hemorrhage checked. No injury to other viscera. Gauze drain inserted and abdomen closed with through and through sutures of silkworm gut. Patient had an uneventful recovery.

"Case V.—Wm. B. Patient admitted to hospital suffering from gunshot wound of the abdomen. The bullet had entered the left rectus muscle half an inch below the border of the ribs. The wound was traced and found to penetrate. Patient was suffering greatly from shock. Pulse rapid and feeble. He was hurriedly prepared for section. On opening the abdomen, the hemorrhage was found to be terrific. The source of hemorrhage was from the liver, the left lobe containing a large bullet wound. The hemorrhage was partially controlled by gauze plugging. No other visceral injuries discovered. Patient never reacted from shock but died three hours after operation.

"Analysis of the above report shows nine cases of perforating wounds of intestines, with six recoveries and three deaths. Of the deaths it will be seen that one was due to shock; the injuries being so extensive that patient never reacted. The second patient entered the hospital with general peritonitis, and while a perforation was overlooked, it is probable that the result would have been the same if this injury had been repaired. The third patient should have been saved.

"Of the wounds of the liver—five cases in all—four patients recovered and one died. This patient died three hours after operation from shock, the result of hemorrhage.

"In the wound of the pancreas case the patient recovered.

"To these cases I wish to add eight cases where laparotomy was performed and no injury to viscera found. This make a total of twenty-three cases, with nineteen recoveries and four deaths."

In conclusion I wish to acknowledge my profound indebtedness to Drs. W. J. Doyle and Walter C. G. Kirchner, my first assistants, for their faithful and efficient work; also to the seniors and members of the junior corps; to Miss E. L. Warr, Superintendent of Nurses; Miss Slack, her assistant; to Miss Long, the surgical nurse, and to my most efficient office force.

Permit me to express to you my thanks for your hearty co-operation and uniform courtesy at all times.

Respectfully,

(Signed) JOHN YOUNG BROWN, M. D.,
Superintendent.

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VII.

EMERGENCY CITY HOSPITAL NO. 2.

Superintendent and Staff.

William J. Doyle, M. D.....Assistant Superintendent
Henry Van Hook, M. D.....Senior Assistant Physician
William J. Clark, M. D.....Senior Assistant Physician

Henry C. Ringkamp.....Chief Clerk

	Appropriations.	Balances.	Overdrawn.
For Salaries	$18,000 00	$1,749 11	.....
For Drugs	3,300 00	930 05	.....
For Groceries	16,000 00	1,586 13	.....
For Dry Goods	4,400 00	20 27	.....
For Forage	600 00	.....	$393 65
For Labor and Material	2,000 00	502 23	.....
For General Repairs	1,000 00	261 88	.....
For Rent	12,000 00	6,000 00	.....

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VIII.

INSANE ASYLUM.

Superintendent and Staff.

Henry S. Atkins, M. D.....Superintendent
Garrett Hogg, M. D.....Assistant Superintendent
Herman B. Miller, M. D.....Assistant Physician
Hillel Unterberg, M. D.....Assistant Physician

G. E. Kingsland.....Chief Clerk

	Appropriations.	Balances.	Overdrawn.
For Salaries, etc	$36.000 00	$ 510 34	.....
For Groceries, etc	60.000 00	325 35	.....
For Drugs, etc	1.500 00	3 69	.....
For Dry Goods, etc	10.100 00	839 02	.....
For Forage, etc	2.700 00	93 41	.....
For Labor and Material	2.000 00	4.467 87	.....
For General Repairs	3.800 00	2.131 99	.....
For Entertainments	600 00	201 08	.....
For Traveling Expenses	150 00	89 50	.....
For Special Appropriation, Ord. No. 21171, Sec. 2.	7.037 52	.95	.....
For Special Appropriation, Ord. No. 21171, Sec. 3.	13.165 00	3.366 85	.....

DISTRIBUTION OF EXPENDITURES.

Salaries, $35,489.66; bread, $7,411.65; meat and fish, $1,437.09; groceries, $19,448.12; chickens, $51.98; vegetables, $2.398.87; milk, $3,528.78; fuel, $11.056.36; ice, $1,403.82; drugs, instruments, etc., $1,496.31; dry goods, clothing, etc., $4,449.97; house furnishing goods and furniture, $4.809.11; forage, bedding for horses, etc., $802.37; repairing vehicles, harness, etc., $149.85; printing, stationery, postage, etc., $409.93; oils and tools for engineer, $531.98; lumber and material for coffins, $10.50; car tickets, $140.00; rent of telephone, $5.00; entertainments, $398.92; carpenters' tools, $90.43; maintaining grounds, $162.75; World's Fair Parade, $205.78; General Repairs, $1,668.01; traveling expenses, $60.50; special ord. 211,171, Sec. 2 and 3, $16.834.72; labor and material for repairing building, boilers, machinery, etc., $532.13. Total, $128,021.59.

The amount of appropriations for the year was $137,052.52, leaving a balance of $9,030.93 to revert into the municipal revenue; the average number of patients per diem was 710, having a yearly maintenance per capita of $180.31, daily p. c. 49c.

Dear Sir—In making this report I am necessarily embarrassed because of my recent acquaintance with the conditions governing the institution, and the past and intended plans of my predecessor, Dr. E. C. Runge. For this same reason and the present existing absence of money in the City Treasury, I decided to advise no appropriations for special improvements, etc., though the overcrowded conditions and lack of space now present in the institution is an appeal that is extremely hard to resist.

Scanning the records, one feature which draws attention by its prominence, is the absence of any serious accident or suicide that usually follows the city insanities. The elopements are nil considering the present local parole system, though limited to a degree I do not think advisable. Local parole or "ground privileges" should only be allowed as a reward to those who are willing to be useful in some manner in the maintenance of the institution; in this way they are led away from that indifferent state which naturally follows the inactivity of hall life.

Occupation, though having limited possibilities in city institutions, is always to be desired and often is more preferable than medication; this occupation should be suitable to individual cases and at the same time remunerative as possible to the institution.

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Entertainment, next to occupation and medication, must be considered as most helpful; this should be varied and can oftentimes be accomplished by acquainting the public who are always sympathetic and charitable, with the pleasure they render in giving an evening of their accomplishments.

RULES AND REGULATIONS.

Since the year 1884 there have been no printed rules of government, only four copies being found in the institution, they having been discarded as far as the employees were concerned; instead, the verbal system was in vogue, which I think objectionable because of the liability of individual misinterpretation, affording a most plausible excuse in case of any transgression. There should be something definite in this line, a copy of which should be conspicuously placed in the reach of all employees; every one knowing his duties should then be compelled to live up to them.

Therefore I suggest that a new set of rules be formed and distributed to the several departments.

NECESSITIES

First of all there is needed a space for the sick and bedridden. The present sick room, 22x18 feet, on the male side, has been in use for quite awhile. Situated midway on a hall containing 105 uncleanly and demented patients, its door entrance opening into the hallway with two windows which are necessarily closed in winter and often times in summer because of the soot from an adjacent smokestack, as the only recourse for ventilation and hygienic considerations. Into this space has been crowded eight beds for those acutely sick, while other sick ones are distributed throughout the halls.

The "female side" has no specialized room for the sick, they being taken care of in whatever hall they are classified, all of which are crowded beyond their capacity. These conditions were explained sometime since and you at once consented to and assisted in a plan which I believe will materially obviate for a time the present conditions, that is, converting the present entertainment room and round room into hospital usage.

This entertainment room, situated on the fourth floor, is 62x32 feet, a sufficient space for twenty-five heads, has three western, three southern and two eastern windows, with two northern door entrances; the "round room" has accommodation for fifteen beds or more, opening into a passage way having its entire southern side of glass, furnishing an ideal exposure for the open air treatment in tubercular cases. This can be accomplished at an expense which will not exceed $100, by making use of the present outdoor pavilion for all entertainments, an improvement over the former one because of its greater floor space and open air facilities.

The next in importance is the present heating and lighting departments. At present there are only three boilers and during the cold months they are taxed to their full capacity. Should an accident occur to any one of them it would necessarily "shut down" our electric light plant and at the same time would be unable to furnish sufficient heat for the building.

As the number of lights at the Female Hospital, Poor House and this Institution are gradually increasing and doubtlessly will continue to do so, the present boiler capacity will not be enough for the electric engines to sufficiently carry "the load."

For this reason at least two reserve boilers should be purchased as soon as pecuniarly convenient. Following the two preceding suggestions, there is needed in the laundry a mangle, washing machine and combined shirt and collar ironer, as the present machinery is getting old and semi-useless.

Separate halls for the negroes is a necessity for their welfare and

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rational treatment. Their environments and mentality being different, they are more susceptible to influences extended to them by nurses of their own race. At the same time it prevents the congregating of two races that are antagonistic in many customs, also the deleterious effects upon an already disturbed mentality. To compel a lady of refined ideas to cohabit the same apartments with a negro is repellant to the lady and embarrassing to the negro. This division would prevent many difficulties which are now unavoidable.

The present apartments for the employees are entirely too limited; the sleeping rooms of the laundresses are situated over the laundry and kitchen on the same floor as the cooks and firemen, with only a hallway dividing; necessarily, during the summer months, the heat is too intense for comfort and no ventilation can be had because of the impropriety of keeping the doors open. This difficulty can be remedied only with a new building.

ADJUSTMENT OF LIGHTING AND FUEL ACCOUNTS.

The lighting plant, consisting of two Brownell engines and dynamos furnish the Female Hospital, Poor House and Engine House No. 35 with electric lights, for which no compensation is made this institution; the fuel account is greatly increased by this and is partially the cause of the high per capita, the latter placing the institution, when compared with other City and State Institutions, in a false light to the tax-payer and public. This can be corrected by reading and accounting the meters that are now in two of these institutions, and rendering credit for same at the end of each fiscal year.

SALARIES.

All salaries of employees should be increased. Employees for the care of the insane have their responsibilities doubly increased, in not only attending to their manual and moral obligations, but have to withstand the irrational thoughts of irrational minds. They must possess honesty, professional and mechanical skill, self control, judgment, etc. For these reasons and many more, the best class of men and women should be employed, and an adequate remuneration be made them. The present Health Commissioner has evidently that in mind, as an attempt is now being made, and rightly so, for the increasing of salaries of the City institutions. If the gentlemen to whom this power is given knew the work and responsibility of these employees there would be no hesitation whatever.

IMPROVEMENTS.

During the year the following improvements have been made: One new hot water heater of large capacity to supply the entire building, three boilers that furnish power for lighting the Insane Asylum, Poor House, Female Hospital and Engine House No. 35; one complete new hot water circulating system for the entire building; new steam and return pipes to radiators to male and female bath rooms and rear building; one new metalic laundry dry room; repairs to extractors and washing machines; five new clothes trucks; new set-in washing tubs; all washing machines and hy-po extractors connected to sewer, and plumbing in main and rear building; new automatic oiling system for electric generators and engines, with brick lined pit; connecting two cisterns with City Water supply and putting in six suction pipes to tank pumps in engine room; two new kitchen ranges; roof valley and down spouting in rear building; stable, store-house and cottages; new fence around stable; wood-work and screening renewed on food elevators; new wire window screens on eigth, ninth and fourth halls.

The special appropriation of $2,000, made for painting all the wood-work on cornices, dome, roof, window openings and iron bars; this was deferred by Dr. Runge until spring, when it was found too late to have work finished before close of fiscal year. The money appropriated

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necessarily reverted into the municipal revenue. This work should be done at once as a protection to the building.

The appropriation of $100 for trees and shrubs, and $150 for new stairway up to dome, I thought necessary. This also was returned.

The staff and employees have extended the kindest of feelings and assistance, private citizens have been liberal in their donations of reading matter, three daily morning papers have been contributed, to all of whom I vouch the thanks of the patients.

Admissions, 433; readmissions, 65; number at beginning of year, 686; whole number treated, 1,106; discharged recovered, 49; improved, 121; unimproved, 59, not insane, 1; died, 109; transferred to insane department of City Poor House, 80; total discharges, 405; remaining March 31, 1904, 689.

The accompany tables show the movement of population, forms of derangement, civil conditions, etc., of the total number during the year.

In closing I wish to express my appreciation of the honor conferred upon me by the Honorable Mayor; also to yourself and assistant, Charles W. Francis, for the ofttime assistance and interest you have so frequently shown to this institution and myself.

Respectfully,

(Signed) H. S. ATKINS, M. D.

To Dr. John H. Simon,
Health Commissioner.

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IX.

FEMALE HOSPITAL.

Superintendent and Staff.

Oscar H. Elbrecht, M. D.....Superintendent
J. M. Pfeffenberger, M. D.....Assistant Superintendent
Michael J. Clark.....Chief Clerk

	Appropriations.	Balances.	Overdrawn.
For Salaries, etc	$22.000 00	$ 104 14	.....
For Groceries, etc	24.800 00	.....	$1.527 17
For Drugs, etc	3.800 00	128 90	.....
For Dry Goods, etc	4.100 00	105 55	.....
For Forage, etc	1.200 00	20 91	.....
For Labor and Material	760 00	160 38	.....
For General Repairs	960 00	332 85	.....
For Special Appropriation, Ord. No. 21171, Sec. 2	1.212 80	.....	.....
For Special Appropriation, Ord. No. 21171, Sec. 3	4.765 00	2.527 79	.....

SURGICAL OPERATIONS PERFORMED DURING THE YEAR.

Adenoidectomy	1	Oophorectomy	10
Amputation of Cervix	2	Pan Hysterectomy	12
Amputation of Thumb	1	Posterior Culpotomy	4
Amputation of Breast	4	Perineorraphy	6
Apendectomy	7	Puncture of Cystic Ovary	1
Curettage	34	Resection of Knee Joint	1
Double Oophorectomy	1	Resection of Tibia	1
Double Salpingoctomy	2	Salpingo Oophorectomy	11
Double Salpingo Ooperectomy	4	Salpingectomy	3
Enucliation of Eye	2	Stricture of Rectum	1
Entroraphy	1	Thyroidectomy	1
Exploratory Laparotomy	4	Tonsilectomy	1
Excision of Tumor of Breast	1	Trachelorraphy	3
Hernotomy	4	Vaginal Hysterectomy	2
Hemorrhoidectomy	1	Nephrectomy	1
Hysteropexy	6		
Inguinal Colosomy	1	Total	134

Dr. John H. Simon,

Health Commissioner.

Dear Sir—I have the honor of submitting herewith the 28th annual report of the St. Louis Female Hospital for the fiscal year ending March 21, 1904.

During the past year, with your hearty co-operation at all times, I have been enabled to make many improvements in and about the premises. Most of these improvements have been directed toward fire protection, most striking of which are the stand pipes that were erected in an old cistern in the rear of the boiler house. This cistern was formerly used for practical purposes and is of an unusual capacity, size being 20x20. We have constructed three stand pipes therein, that can be used the same as ordinary fire plugs and if three fire engines were at work to pump this dry, it would take them two and a half hours to do so. This will be an invaluable accommodation in case of fire, as our grounds are the highest survey point in the city on the official records. And should the city water pressure be in any way impaired we would be the first to feel it. I can safely say that if our water supply were entirely cut off we could handle an ordinary-sized fire without any inconvenience.

Besides this I have had alterations made to our large Worthington pump and had it put in such condition that we can attach a regular-sized hose and throw a stream 125 feet high. This was very important as the water pressure of the City's supply will only carry water between the second and third floor of our building. With this we are not dependent on the water pressure of the city and can with our pump throw water 40 or 50 feet higher than the building.

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During the coming year I anticipate making the same alterations on our Hooker pump, which will make our water pressure equipment very efficient and thorough. In this way we are not dependent on any one system for fire protection. As first of all we should use regular fire plug system and in case they could not be used we can call upon our pumps, and if they were not ready for service we can resort to our cistern.

Besides this we have added six Babcock Chemical Fire Extinguishers, 800 feet of 2" Standard Fire Hose and five wall hose reels. With these additions our fire protection apparatus is uniformly distributed throughout our buildings.

For the coming year I will recommend the repair of our porch fire escapes which are merely staircases leading from one porch to another, the treads and floors of which are entirely of wood, which would easily take fire if so exposed. However, they will be a great aid if not in the path of fire. Besides this we are in sad need of two metal tubular fire escapes which are now being so universally used on institutions for the infirm or sick. This fire escape is the only one that will give us service for our sickest patients, as by this means the carrying the very sick on stretchers, or letting them down on elevators to the lower floors can be entirely dispensed with.

Besides fire protection improvement we have overhauled the plumbing in the main building and Division O and in its present state is in a fair condition.

We have also gone over the plastering and repaired the large patches which are constantly falling in all parts of the building by reason of its age.

We have made extensive repairs to the elevator, supplying new cage, new lights, ropes, etc., which puts it in good condition.

We have also repaired the boiler furnaces, as we were badly in need of same. Also added one new Worthington boiler and feed pump.

It was our intention to install a new cold water system, which is in very bad condition, but our special appropriation for same was not sufficient to allow us to do so, which left us a small balance in this fund. By your kind permission I was able to make use of this money for a very worthy purpose, namely, the construction of a chapel in a room formerly used for laundry purposes. By plastering the rough walls, putting in new flooring, replacing the old ceiling with one of corrugated iron and a few additional accessories we now have a neat and comfortable place of worship. This makes quite an improvement for those who conduct services here, as they were formerly compelled to use our reception room and dining rooms for their earnest and praiseworthy work, as it also adds to the comfort of those who are too sick to attend and were formerly disturbed by the singing and confusion.

In this connection I wish to thank those of the various charities who visit this institution regularly, and who have assisted me both financially and otherwise, in adding some of the accessories that helped to beautify and adorn the chapel.

Our surgical wards have also been improved, as by a partition placed in the main hall and through a part of the large ward on the third floor, we have succeeded in obtaining an absolutely quiet and cheerful surgical ward that will accommodate about seven or eight beds that are to be used for operative cases during their first few days following operation.

I recommend the following appropriations for the ensuing year:

Salaries	$22,500.00
Groceries	26,000.00
Drugs	5,000.00
Dry goods	5,000.00
Forage	1,500.00
General repairs	1,500.00
Labor and material	1,500.00

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The increase in salaries that is asked for is done so that we can carry two senior physicians, for which there is a glaring need of, at this institution. Their salary is to be $25.00 a month.

The increase of $1200.00 or more that is asked for in our grocery account is by reason of an increase that is expected in our coal and meat supply and the expectancy of an advance in price and by our shortage of $1527.00 in this year's account, or to the extent we overdrew.

For drugs we ask a $1,200.00 increase, as it was by the most stringent methods of economy and by denying ourselves of a number of drugs that we should have had, that it was possible to stay within the limits of our drug accounts this year.

We are badly in need of a new pressure sterilizer for surgical dressing, more surgical furniture and an X-Ray apparatus as well as some surgical instruments, all of which must be taken out of this account.

The increase in dry goods account is asked to replace some of the old worn-out carpets and to buy various pieces of furniture that are necessary, which must be taken out of this account.

The increase in forage of $300.00 is asked merely to bring this account back to its normal state, as our account this year was entirely too small.

General Repairs—$540.00 increase is asked so that we can make various more or less extensive repairs that are urgently necessary.

Labor and Material—$740.00 increase is necessary for repairs.

Special Appropriations:

I would recommend the following as special appropriations:

New cold water system.....$1500.00

This was recommended and allowed last year, but an insufficient amount was appropriated and hence the work was not undertaken. I therefore repeat the recommendation and ask that the amount called for be allowed.

Filter and connections $700.00

This would greatly facilitate our work in all departments and especially the laundry, where now all of the water used for white clothes is settled in small barrels by the addition of alum.

Spouting and Roofing Overhauled:

This needs a general overhauling as there are large leaks in many places and new ones are constantly showing themselves.

Repairs to Cornice on Main Building:

This being an old building the woodwork on the cornices are fast becoming rotten and need repair.

Painting on Main Building and Tuck Pointing:

This will add wonderfully to the appearance of the building as well as preserve the woodwork and should certainly be done this year or the next.

New Staircase to Reception and Cellar:

This staircase is used as much if not more than any other in the building. It is used by all patients coming in and going out and is narrow and has a very bad turn that makes it very unsafe for the infirm patients. It should be widened and made straight staircase.

New Bath Room on Division Three:

There is but one bath room on this floor which is in a bad location as it is at the head of a staircase and is dangerous to the old patients and those that are weak and unsteady. I would therefore recommend that a new one be constructed in the Baby Ward, which can be partitioned off and used for that purpose.

Plumbing:

This needs overhauling and repairs and $300.00 should cover it.

Heating for Chapel and Laundry:

The chapel and laundry and isolation buildings are not sufficiently heated, and this should be done before the coming winter.

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Repairs to Steam Pipes:

There are a number of leaks in the larger pipes which must be replaced by new ones.

Asbestolith Floor for Surgical Wards and Hall in Surgical Division:

This floor would put this ward in the best sanitary condition.

Granitoid Floor in the Reception Room and Bath Rooms:

This portion of our cellar is used more than any other part and is the only part that has a wooden floor and I would recommend a granitoid floor to replace it and thus get rid of the moisture that is more or less present in this room at all times.

Flooring, 15,000 feet.....$600.00

The flooring is exceedingly bad in many places and must soon be replaced by new. I would therefore recommend the purchase of this amount so that the carpenter can put it in during the year.

Repairs to hooker pump so that it can be used for fire purposes $200.00

New Tubes for Down Draft Boiler:

Repairs to boiler and boiler furnaces.....$600.00
New boiler and remodeling boiler house. 300.00

I would recommend the addition of one boiler to be used in case of emergency in case that one of our present battery of two should break down, as both of those that we now have are old and uncertain.

Blow-off tank to conform with ordinances...	$75.00
Repairs to washing machines.....	200.00
Autoclave sterilizer	350.00
New sections Home Comfort range and repairs to smoke stack	250.00
Traveling expenses, etc.....	250.00
X-Ray apparatus and coil.....	300.00
Operating table	200.00
Platform scale	250.00
Fifty bedside tables.....	150.00

The number of patients admitted during the year was 2152.

The number of patients remaining in the hospital April 1st, 1903, was 246.

Four hundred children were born in the hospital. Of these 18 became sick, requiring medical or surgical attention, and were entered as patients, thus making a sum total of 2798 patients treated during the year.

The various diseases and injuries treated and the results obtained are given in the alphabetical tables that accompany this report.

Classified surgical table will be found under a separate classification. The other tables will show further details concerning the patients and the hospital working, such as the number admitted, male, female, white, colored, age of patients, their occupation, social condition, nativity, births, deaths, discharges, financial balance sheet and leave of absence granted the officers and employees during the past year.

I wish to express my sincere appreciation and gratitude to the officers and employees of this hospital for their earnest efforts in supporting me in the management of this institution.

Respectfully submitted,

(Signed) O. H. ELBRECHT, M. D.,
Superintendent.

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X.

POOR HOUSE.

Superintendent and Staff.

H. E. Hart.....Superintendent
R. E. Keaney, M. D.....Assistant Physician
J. M. McKeage, M. D.....Assistant Physician
Harry Greensfelder, M. D.....Assistant Physician
J. S. Dierkes.....Chief Clerk

	Appropriations.	Balances.	Overdrawn.
For Salaries, etc	$37,000 00	$ 193 76	.....
For Groceries, etc	85,000 00	5,283 24	.....
For Dry Goods, etc	12,000 00	.....	$2,057 13
For Drugs, etc	1,500 00	309 57	.....
For Forage, etc	1,500 00	.....	829 08
For General Repairs	1,600 00	.....	108 54
For Labor and Material	1,600 00	.....	122 80
For Traveling Expenses	250 00	.....	224 00
For Special Appropriation, Ord. No. 21171, Sec. 3	6,640 00	1,677 40	.....

See Part Second for Statistical Report.

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XI.

QUARANTINE AND SMALLPOX HOSPITAL.

M. J. Dwyer, M. D. ..... Superintendent

	Appropriations.	Balances.	Overdrawn.
For Salaries, etc.	$10.000 00	$ 1 68	.....
For Groceries, etc.	15.650 00	4,069 88	.....
For Labor and Material	850 00	271 74	.....
For General Repairs	500 00	478 19	.....
For Heating Apparatus	276 00	.....	.....

ANNUAL STATEMENT.

Sir—I have the honor to present the annual report of this institution for the year ending March 31st, 1904.

The number of patients remaining from close of previous year was 13; since then there has been admitted 248, making a total of 261 patients treated during the year just ended. In addition to above, 70 persons who accompanied relatives were cared for; 15 of this number developed smallpox shortly after their arrival and are included in number of patients admitted.

There was but one death during the year, and being of the haemorrhagic type but little hope was entertained for the man's recovery.

I would here call attention to the increase in virulency of the disease during the past three months; out of the 110 patients received one was haemorrhagic, 10 were confluent and 18 semi-confluent in form. Comparing this number with that of the previous nine months with but 4 confluent and 9 semi-confluent cases and an admission of 138, shows a change for the worse in the character of the disease.

Further details regarding admission, discharge, etc., of patients is set forth in table No. 1, and in table No. 2 is given type of disease and vaccination data. Relative to "outside cases" mentioned in table No. 1, two were received upon order of St. Louis County Court, one was taken from Iron Mountain train, one was brought by boat from United States Government Works, another was an officer from Jefferson Barracks, and the remaining 15 were those who developed in the hospital as previously mentioned. Table No. 2 shows clearly the value of vaccination; of the 248 cases received during the year but 28 had ever been vaccinated (the time varying from 10 to 50 years), and judging from the discrete form of the disease manifested in their cases it is presumable to suppose had a modifying influence.

Relative to revaccination the opinion seems to prevail, even in the intelligent class, that one vaccination is sufficient and good for a lifetime. While this may be true in individual cases, it would be much wiser to be revaccinated every eight or ten years, or at least to be vaccinated again after reaching the age of maturity and not depend on an old scar made in childhood.

Regarding the efficacy of vaccination even after exposure I would cite one impressive instance out of a dozen or more similar cases, wherein the vaccination having been performed within a period of three days after exposure had a modifying influence. Two nurses in a private hospital having been exposed separately to a case of small-pox in the case of a boy brought to the hospital, were vaccinated on the same day, it being the fourth day after exposure in the case of one nurse, and the second day in that of the other nurse. Both developed the disease, but in the case of the latter the case was averted, the eruption disappearing about the sixth day, whereas in the case of the former nurse the disease went through the various stages, although of the discrete form, the patient being discharged at the end of three weeks.

With the exception of placing a new bath-tub, wash-stand, etc., in the employes' building and some minor repairs to heating apparatus, all work in the shape of improvements has been done by the employes of

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the institution, and consisted mainly of the addition of drop siding to the large unfinished ward in its entirety, the building of a dry-room in the laundry and repairs to old buildings and painting those most in need of same.

In this connection I wish to state that (leaving out of consideration the matter of expense) no amount of repairing, repainting, etc., will make these old frame buildings in any way what they should be, as they lack in every essential the requirements of a modern hospital.

I know the idea in building these frame wards was with the intention of burning them down every eight or ten years and replacing them with new ones. I realize that this has been a step forward from the old days when any old shed was considered good enough for small-pox. It is true also that we are better prepared to care for this class of patients than most of the large cities, but recognizing the defects of the arrangement and condition of the separate buildings, all of which, with the exception of the large ward mentioned above, are nearly ready for the holocaust. I believe that these relics of the past should be replaced by one large permanent structure, and I would therefore recommend the erection of a two-story brick building with finished basement. The two upper floors for the patients and the basement to be used for dining room, kitchen, etc. The building should be arranged to meet all the requirements of a modern hospital and be of sufficient capacity to accommodate at least two hundred patients.

I would again call attention to our water supply, which, being obtained direct from the river, is a menace to the health of all in the institution. The long expected extension of the water main from Jefferson Barracks is urgently desired and would not only be a blessing in furnishing us with purer water, but as a protection in the event of fire on the premises would be of incalculable benefit.

The question of heating the various buildings at the institution has been a serious one owing to their scattered arrangement and the varied means of heating same. I have recommended in a former report that an entire new system be adopted, but on account of the expense that this would entail nothing has been done except in the way of minor repairs to one of the heaters. While it is true that the initial expense might be considerable in plan proposed, I am of the opinion that this would be counterbalanced in the end by a vast saving in fuel, etc.; there would also be a saving in help and labor.

In giving approximate estimate of funds necessary for other contemplated improvements during the coming year, I have asked for $1,000 under the head of "Labor and Material," intended to cover repairs, plumbing, etc., to buildings, heating apparatus, boilers, etc., the work being done under the supervision of the Board of Public Improvements. Under the head of "General Repairs" I have requested a like amount for purchasing material required for such repair work as can be done by the employes of the institution.

The roadway leading to the hospital and known as the "Quarantine road" is in need of considerable repairs and a good deal of work will be required to put it in shape, very little having been done towards its improvement during the past two years. I have therefore asked that the sum of $1500 be set aside for the purpose.

Before concluding I desire to commend the employes of the institution for faithful discharge of their duties, and to the nurses in particular I wish to express my appreciation of their zealous attention to the patients.

In conclusion allow me to express my thanks to you for your prompt recognition of the needs of the institution and for the many courtesies shown me.

Yours respectfully,

M. J. DWYER,
Superintendent.

JOHN H. SIMON, M. D.,
Health Commissioner.

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REPORT ON THE POOR HOUSE.

To the Honorable Municipal Assembly of the City of St. Louis:

Gentlemen—In accordance with the provisions of section 792, chapter 11, article 16 of the charter, which makes it the duty of the Health Commissioner to report annually to the Municipal Assembly a detailed account of the affairs of the Poor House, I have the honor to submit herewith my report for the fiscal year ending March 31, 1904.

FINANCIAL EXHIBIT.

Below will be found a detailed statement showing the expenditures incurred during the year:

RECEIPTS AND EXPENDITURES.

Appropriations	$147.212 50	
Less amount of unpaid bills last fiscal year	122 50	
Net appropriation		$147.090 00

EXPENDITURES.

Salaries of Superintendent and Employes	$ 36,806 24	
Bread	11,662 51	
Meat and Fish	21,147 22	
Groceries	25,077 91	
Milk	5,846 56	
Fuel	14,196 70	
Ice	1,581 33	
Fruits and Vegetables	215 45	
Drugs, Instruments and Supplies	1,408 98	
Dry Goods, Clothing and Bedding	6,814 69	
House Furnishing Goods and Furniture	6,989 37	
Repairing Vehicles and Harness	186 11	
Printing and Stationery (including postage)	560 57	
Oils, Packing, Waste and Tools used by Engineer	509 26	
Lumber and Materials for Coffins	170 30	
Car Tickets	110 00	
Rent of Telephone and New House 'Phones	198 00	
Miscellaneous	61 60	
Labor and Material for Repairing Fences and Maintaining grounds	446 99	
Labor and Material for Repairing Buildings, etc.	8,164 05	
Traveling Expenses of Superintendent	26 00	
		$142,179 84
Balance		$ 4,910 16

Showing the net expenditures after deducting the following amounts turned over to the city:

Total expenses for the year	$142,179 84

CREDITS.

Profits of Bakery	$ 2,740 59	
Board Bill Private Patients	2,244 00	
Board Bill County Patients	2,067 91	
		$ 7,052 50
		$135,127 34

Showing the Cost of Maintenance Per Capita:

For one year	$97.92
For one month	8.16
For one week	1.88 4-13
For one day	.26¾

In explanation of the apparent increase per capita will state that the average number of patients appearing on the previous annual report (April 1st, 1903) was fictitious. In that report it gave a daily average of 1612 inmates. This was 168 more than were really present. The average daily number of inmates on the present (1452) is correct. The report of 1903 should have been at least within 25 of this number.

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Showing the Cost of Maintenance Per Capita After Deducting Credits:

For one year	$93.06
For one month	7.755
For one week	1.79
For one day	.2542

Bakery:

The bakery returned a profit of $2740.59 for the year. A total of 1,225,907 pounds of bread was delivered to the several institutions of the city.

The financial exhibit is given as follows:

CREDITS.

By Amount of Bread Sold:		
St. Louis Poor House	583,126 lbs. at 2c	$11,662 52
St. Louis Insane Asylum	296,466 lbs. at 2½c	7,411 65
St. Louis Female Hospital	71,072 lbs. at 2½c	1,776 80
St. Louis City Hospital	120,892 lbs. at 2½c	3,022 30
St. Louis City Jail	124,146 lbs. at 2½c	3,103 65
St. Louis Emergency Hospital	30,205 lbs. at 2½c	755 12
Total		$27,732 04
Empty Flour Barrels sold	4,222 at 20c	$ 844 40
Total credits		$28,576 44

DEBITS.

To Expenses:		
Salaries, Baker and Assistants	$ 2,695 11	
Forage	1,157 23	
Fuel	1,008 85	
Horse Shoeing	108 13	
Harness and Vehicle Repairs	10 45	
Flour and Corn Meal	17,943 75	
Potatoes	1,573 80	
Yeast	300 31	
Lard, Sugar, Salt and Soda	677 37	
Hardware	23 25	
New Wagon	205 00	
Patent Bakers' Oven and Bread Pan	50 50	
Lumber	14 50	
Tobacco	23 60	
Rent of Filter	44 00	
Total debits		$25,835 85
Net profits		$ 2,740 59
Number of pounds of bread sold	1,225,907	
Net cost per pound	$0 02	
Selling price per pound	0 025	

Poor House paid net cost of production.

Pauper Department:

The number of inmates at the beginning of the year was 570—383 males, 187 females. There were 371 paupers admitted during the year—274 males and 97 females—making the total number cared for 941—657 males and 284 females. The number discharged was 295—229 males and 66 females. Ninety deaths occurred during the year—60 males and 30 females.

The daily average number of paupers treated was 563—396 males and 187 females.

Insane Department:

At the beginning of the year the department housed 892 patients—342 males and 550 females. The admissions during the year were 77—42 males and 35 females. The total number treated was 969—384 males and 585 females.

There were 82 deaths—41 males and 41 females. There were remaining March 31, 1904, 887 patients—343 males and 544 females. The daily average number present was 889—342 males and 547 females.

Very respectfully,
J. H. SIMON, M. D.,
Health Commissioner.

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PART SECOND

XXXVIth ANNUAL REPORT OF THE HEALTH DEPARTMENT
CONTAINING STATISTICAL DATA.

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I.

OFFICE OF HEALTH COMMISSIONER AND BOARD OF HEALTH.

Presenting thirty-eight tables, as follows:

Table No. 1.—Showing comparative mortality in St. Louis during the last thirty-seven years.
Table No. 2.—Showing reported mortality for municipal year ending March 31, 1904.
Table No. 3.—Showing reported mortality for calendar year, 1903.
Table No. 4.—Showing zymotic diseases by wards, 1903.
Table No. 5.—Showing the total number of deaths in different institutions by months.
Table No. 6.—Showing nativity of deceased by months.
Table No. 7.—Showing the disposition made of decedents, including still-births and those from outside of city, by months.
Table No. 8.—Showing number of births reported during 1903 by months.
Table No. 9.—Showing comparative statement of zymotic diseases in twelve of the principal cities of the United States, 1903.
Table No. 10.—Showing reported mortality for January, 1903.
Table No. 11.—Showing reported mortality for February, 1903.
Table No. 12.—Showing reported mortality for March, 1903.
Table No. 13.—Showing reported mortality for April, 1903.
Table No. 14.—Showing reported mortality for May, 1903.
Table No. 15.—Showing reported mortality for June, 1903.
Table No. 16.—Showing reported mortality for July, 1903.
Table No. 17.—Showing reported mortality for August, 1903.
Table No. 18.—Showing reported mortality for September, 1903.
Table No. 19.—Showing reported mortality for October, 1903.
Table No. 20.—Showing reported mortality for November, 1903.
Table No. 21.—Showing reported mortality for December, 1903.
Table No. 22.—Showing cremations and causes of death, by months
Table No. 23.—Showing abstracts of weekly reports made by the Coroner for each month.
Table No. 24.—Showing decedents received from outside of the city and places of deaths, by months.
Table No. 25-36.—Showing local meteorological observations for each month.
Table No. 37.—Showing the number of vaccine points received each month and source derived from.
Table No. 38.—Showing number of certified copies of death and birth certificates issued, by months.

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TABLE No. 1.

COMPARATIVE MORTALITY IN ST LOUIS DURING THE LAST THIRTY-SEVEN YEARS.

YEAR.	Population.	Total deaths.	Annual death rate per 1,000.	Deaths under five years.	Per cent of total deaths.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Whooping Cough.	Typhoid Fever.	Diarrhoeal Diseases (under 5 years).	Diarrhoeal Diseases (other ages).	Total from foregoing causes.	Pct. cent of total deaths.	Malarial Fevers.	Per cent of total deaths.	Phthisis Pulmonum.	Per cent of total deaths.	Pneumonia.	Per cent of total deaths.	Stillbirths (not included in mortality).	No. of births reported.
1867	220.000	6,538	29.7	2.953	45.0	3	28	27	48	58	60	194	173	1,507	2.098	31.9	227	3.4	464	7.1	309	4.7	371	.....
1868	230.000	5.193	22.5	2.582	49.7	.....	8	28	35	44	26	294	409	512	1.356	26.1	127	2.4	503	9.6	371	7.1	411	.....
1869	240.900	5.884	24.5	3.225	54.8	214	112	55	49	51	59	202	469	409	1.620	27.5	147	2.4	571	9.7	410	6.9	421	.....
1870	250.000	6.670	26.6	3.449	51.7	375	32	263	75	92	97	269	371	531	2.108	31.6	180	2.7	620	9.2	350	5.2	407	.....
1871	260.000	5.265	20.2	2.585	49.0	9	39	68	68	79	60	174	221	317	1.035	19.6	124	2.4	599	11.3	381	7.2	363	.....
1872	270.000	8.047	29.8	4.068	50.4	1,591	57	47	76	66	7	176	456	549	3.025	37.5	124	1.5	568	7.0	382	4.7	630	.....
1873	280.000	8.551	30.5	4.014	46.9	837	35	22	61	78	30	167	496	822	2.548	29.7	140	1.4	751	8.7	510	5.9	514	.....
1874	290.000	6.506	22.4	3.433	52.7	447	51	87	56	53	58	131	460	295	1.638	25.1	88	1.3	581	8.9	413	6.3	510	.....
1875	300.000	7.532	25.1	3.755	49.8	603	70	508	160	72	10	131	378	315	2.247	29.8	212	2.8	740	9.8	450	5.9	421	.....
1876	310.000	6.019	19.4	2.840	47.1	90	55	124	167	157	54	103	314	248	1.312	21.6	216	3.6	721	11.9	460	7.6	401	.....
1877	320.000	5.660	17.7	2.391	42.2	.....	1	40	165	69	70	130	197	234	906	16.0	240	4.2	686	12.1	427	7.6	767	.....
1878	330.000	6.002	18.2	2.635	43.9	.....	35	36	156	85	49	74	238	213	883	14.7	279	4.6	730	12.2	375	6.2	434	4.681
1879	340.000	6.167	18.1	2.666	43.2	.....	25	39	141	62	41	112	477	189	1,086	17.6	197	3.1	781	12.6	432	7.0	541	4.641
1880	350.000	6.636	18.9	2.937	44.2	.....	55	47	113	61	79	139	488	161	1.143	17.2	241	3.6	786	11.8	539	8.1	561	7.525
1881	370.000	8.410	22.7	3.541	42.1	5	27	108	157	68	61	191	686	196	1.498	17.8	393	4.6	913	10.8	475	5.6	668	8.066
1882	400.000	7.845	19.6	3.454	44.0	12	64	346	385	103	79	166	525	179	1.859	23.6	264	3.3	870	11.0	474	6.0	705	8.401
1883	400.000	8.177	20.4	3.420	41.8	62	29	349	553	134	51	158	531	136	1.993	24.3	270	3.3+	944	11.5	493	6.02	709	8.535
1884	400.000	7.887	19.7	3.357	42.1	4	33	161	495	116	32	166	582	130	1.649	20.9	261	3.3+	845	10.7	501	6.3	790	9.634
1885	400.000	7.490	18.7	3.090	41.3	.....	54	164	372	109	24	125	441	91	1.330	18.4	263	3.5+	888	11.8	511	6.8	725	9.906
1886	400.000	8.268	20.6	3.434	41.5	.....	6	149	719	160	76	124	334	97	1.665	20.1	279	3.3+	915	11.0+	597	6.01	765	10.296
1887	420.000	9.155	21.8	3.795	41.4	.....	40	48	927	185	12	116	324	153	1.805	19.7	304	3.3+	829	9.0+	586	6.4	740	10.613
1888	440.000	9.015	20.49	3.659	40.58	.....	31	30	564	167	41	133	488	144	1.598	17.7	242	2.6+	800	8.8+	728	8.0+	726	11.305
1889	450.000	8.004	17.78	3.194	39.03	.....	63	114	345	94	55	146	357	79	1.253	15.7	223	2.7+	655	8.18+	598	7.34+	835	11.906
1890	460.000	8.409	18.45	3.115	37.04	.....	1	87	186	58	31	140	435	104	1.042	12.3	226	2.6+	843	10.2	601	7.1+	704	11.564
1891	480.000	9.530	19.8	3.493	36.6	.....	53	96	250	90	61	165	429	118	1.262	13.2	216	2.2	869	9.1	932	10.2	828	11.609
1892	500.000	10.225	20.04	3.607	28.3	.....	7	150	195	91	10	441	444	112	1.450	14.01	326	3.1	882	8.6	705	6.8	837	12.317
1893	520.000	10.303	19.8	3.548	29.06	.....	26	79	227	144	34	215	570	111	1.496	13.6	284	2.7	984	9.7	879	8.5	799	12.020
1894	540.000	8.710	16.1	3.192	27.2	.....	3	29	240	139	64	171	538	98	1.282	14.7	179	2.0	875	10.	772	7.7	896	12.233
1895	560.000	9.425	16.83	2.375	25.1	73	38	20	522	171	23	107	552	101	1.607	17.06	155	1.6	1.000	10.6	677	7.1	784	11.848
1896	590.000	9.897	16.07	3.326	31.5	.....	17	8	273	104	53	106	664	111	1.336	13.49	177	1.7	1.026	10.3	854	8.6	772	11.281
1897	600.000	9.554	15.9	2.901	30.3	3	1	19	170	70	57	124	499	67	1.010	10.57	173	1.7	997	10.4	1.155	12.	729	11.600
1898	623.000	8.908	14.2	2.608	29.2	.....	21	28	152	51	29	95	413	53	842	9.45	134	1.4	1.001	11.23	867	9.73	714	10.315
1899	647.000	10.023	15.4	3.005	29.9	5	15	38	102	49	59	131	451	64	1.004	10.00	148	1.47	1.091	10.8	914	9.11	775	10.422

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TABLE NO. 2.

SHOWING THE REPORTED MORTALITY FOR FISCAL YEAR, 1903-1904.

The annual death rate per 1,000 during the year was 17.14, this being based of four per cent annual increase. During the month there were ..... deaths outside the city limits; these were not included in the monthly statement. acter to total mortality, ... Percentage of deaths in city institutions to 16.17 Colored population, 42,000; mortality rate per thousand, 31.76.

CAUSES OF DEATH.	Total deaths reported during 1903-4.	Total deaths reported during 1901-2.	AGES BY YEARS. Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years White.	Total under 5 years Colored.
Total Deaths from all Causes	11486	10322	1965	451	219	132	90	2630	327
Total Zymotic Diseases	1553	1428	396	167	108	56	50	704	72
Total Constitutional Diseases	2151	2017	285	34	13	17	3	318	34
Total Local Diseases	5637	4893	645	234	87	53	31	883	167
Total Developmental Diseases	1299	1288	619	13	....	1	1	584	50
Total Deaths by Violence	834	662	20	3	10	5	5	39	4
Total Unknown	12	28	1	....	1	....	....	2	....
Small-pox	4	12	1	....	....	1	....	....	....
Measles	125	57	30	31	23	9	10	93	10
Scarlatina	108	119	5	7	16	10	14	52	....
Diphtheria	125	166	4	20	23	13	10	67	3
Croup	36	36	3	4	7	8	3	21	4
Whooping Cough	77	122	38	18	11	6	1	58	16
Typhoid Fever	284	231	....	4	1	2	2	9	....
Typhus Fever	....	1	....	....	....	....	....	....	....
Cerebro-Spinal Fever	16	15	1	3	2	....	3	8	1
Rem.Inter.Typ.-Mal, Cong.& S'ple Con. Fevs.	92	91	6	1	4	3	3	14	3
Puerperal Fever	43	12	....	....	....	....	....	....	....
Diarrhœal { Under 5 years	382	373	283	75	17	3	4	351	31
Diseases. { Other Ages	48	55	....	....	....	....	....	....	....
Erysipelas	42	19	8	....	....	....	....	7	1
Pyæmia and Septicæmia	93	99	3	1	1	....	....	5	....
Syphilis	22	11	10	....	....	....	....	9	1
Alcoholism	33	26	....	....	....	....	....	....	....
Other Zymotic Diseases	23	13	3	3	3	1	....	8	2
Cancer and Malignant Tumor	375	361	....	....	....	2	1	2	1
Phthisis and Tuberculosis—Pulmonary	1169	1095	4	6	3	1	....	12	3
Marasmus—Tabes Mesenterica and Scrofula	307	310	236	21	8	4	2	249	22
Hydrocephalus, Tubercular Meningitis, etc	158	182	40	4	2	7	....	45	8
Rheumatism and Gout	45	25	1	....	....	1	....	2	....
Other Constitutional Diseases	97	44	4	3	....	2	....	8	1
Bronchitis	401	343	122	38	21	12	5	151	47
Pneumonia	1229	946	175	96	36	22	11	262	78
Other Diseases Respiratory Organs	358	309	42	11	7	16	3	62	7
Diseases of Circulatory System	873	753	12	5	4	....	2	24	....
Meningitis and Encephalitis	191	119	77	24	2	5	4	107	5
Convulsions and Trismus	189	189	124	35	6	1	1	152	15
Heat Stroke	12	9	2	1	....	....	....	3	....
LaGrippe	46	47	5	....	....	2	....	7	....
Apoplexy	178	190	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	541	535	48	13	10	2	1	68	6
Cirrhosis of Liver and Hepatitis	172	173	2	2	....	....	....	3	1
Appendicitis	52	38	1	....	....	....	....	1	....
Enteritis,Gastro-Enteritis, Per'tis and Gas'tis	341	325	....	....	....	....	....	....	....
Bright's Disease and Nephritis	550	486	9	5	1	2	2	15	4
Other Diseases Urinary Organs	289	277	3	1	....	....	2	5	1
Diseases Generative Organs	35	23	1	1	....	....	....	2	....
Diseases Locomotory Organs	6	8	....	....	....	....	....	....	....
Diseases of the Integument	10	6	2	....	....	....	....	2	....
Other Local Diseases	185	123	19	2	....	1	....	19	3
Cyanosis	47	36	47	....	....	....	....	43	4
Inanition	234	194	231	2	....	....	....	208	25
Premature Birth	118	117	118	....	....	....	....	112	6
Puerperal Diseases (not incl.Puerperal Fever)	8	22	....	....	....	....	....	....	....
Senility	562	542	....	....	....	....	....	....	....
Other Developmental Diseases	330	377	223	11	....	1	1	221	15
Surgical Operations	36	30	2	....	....	....	....	2	....
Deaths by Suicide	201	118	....	....	....	....	....	....	....
Deaths by Homicide	82	80	....	....	....	....	....	....	....
Deaths by Accident	515	401	18	3	10	5	5	37	4
Execution by Warrant of Law	....	3	....	....	....	....	....	....	....
Unknown	12	21	1	....	1	....	....	2	....

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TABLE NO. 2.—Continued.

on a population of 670,000, computed on census figures of 1900 (575,200), at the rate than the previous month. ..... certificates were issued for deaths occurring Percentage of deaths in eleemosynary and other institutions of a public char- total mortality, ... White population, 628,000; mortality rate per thousand,

AGES BY YEARS.														Sex.		Social Relations		Color.		
5 to 10.	10 to 15	15 to 20	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
319	207	395	534	648	678	737	674	624	649	623	657	606	1278	6627	4859	5596	5890	10158	1333	11486
137	55	96	84	79	69	55	40	38	36	25	20	27	16	834	719	333	1220	1408	145	1553
33	23	101	167	195	219	208	181	148	136	117	108	85	78	1223	928	1025	1126	1834	317	2151
122	79	142	196	287	288	362	379	368	410	419	446	407	681	3264	2373	3197	2440	4933	704	5637
3	...	3	6	14	13	12	4	7	10	17	41	66	469	641	658	587	712	1215	84	1299
22	49	53	81	72	86	100	69	62	57	45	41	19	34	654	180	451	383	751	83	834
....	1	....	....	1	3	....	1	1	....	....	1	2	....	11	1	3	9	12	....	12
....	....	1	....	....	....	....	....	1	....	....	....	....	....	3	2	1	3	4	....	4
16	2	1	1	....	....	....	1	....	1	....	....	....	....	68	57	3	123	115	10	125
37	11	7	....	1	....	....	....	....	....	....	....	....	....	54	54	1	107	108	....	108
41	7	3	2	2	....	....	....	....	....	....	....	....	....	70	55	1	124	119	6	125
7	4	....	....	....	....	....	....	....	....	....	....	....	....	26	10	1	35	32	4	36
3	....	....	....	....	....	....	....	....	....	....	....	....	....	38	39	....	77	60	17	77
18	24	51	48	35	36	21	11	12	9	6	2	2	....	158	126	111	173	263	21	284
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6	....	1	....	....	....	....	1	....	....	....	....	....	....	14	2	....	16	15	1	16
6	1	10	10	9	5	4	5	3	5	5	3	5	4	45	47	36	56	73	19	92
....	2	14	9	8	6	3	1	....	....	....	....	....	....	....	43	39	4	40	3	43
....	....	....	....	....	....	....	....	....	....	....	....	....	....	208	174	....	382	351	31	382
1	1	1	1	2	1	4	2	1	8	3	7	8	8	24	24	34	14	42	6	48
....	1	....	3	1	4	5	3	6	2	4	1	2	2	23	19	21	21	34	8	42
1	2	6	9	14	9	10	8	9	5	5	4	5	1	48	45	57	46	84	9	93
....	....	1	....	....	3	3	....	1	2	....	1	....	1	11	11	5	17	18	4	22
....	....	....	....	6	2	3	7	3	4	2	2	4	....	29	4	17	16	32	1	33
1	....	....	1	1	3	2	1	2	1	....	....	1	....	16	7	7	16	18	5	23
2	2	....	4	7	14	24	29	46	42	58	50	48	46	174	201	316	59	359	16	375
10	7	84	141	169	183	160	127	86	70	48	35	20	15	726	443	545	624	949	220	1169
1	2	4	1	3	2	4	1	3	3	2	3	2	5	166	141	92	295	275	32	307
11	7	9	13	12	10	9	12	3	8	2	4	2	3	84	74	64	94	125	33	158
3	2	1	2	....	2	3	7	4	5	4	2	2	3	30	15	26	19	38	7	45
6	3	3	6	4	8	3	5	6	8	3	14	8	6	43	54	52	45	88	9	97
7	1	2	9	9	7	7	3	7	22	13	14	24	78	192	209	160	241	335	66	401
30	13	34	63	71	61	96	82	79	68	76	66	58	83	759	461	562	658	1027	193	1220
6	1	7	12	13	17	25	19	23	23	25	36	41	38	212	142	186	169	309	46	355
15	20	28	20	49	59	59	81	67	79	82	87	72	131	510	363	595	278	767	106	873
10	7	6	7	9	2	7	8	3	5	7	2	2	4	103	88	36	155	180	11	191
4	1	1	3	2	....	....	1	1	....	....	....	....	....	109	71	4	176	164	16	180
....	....	....	1	4	1	1	....	....	1	1	....	....	....	9	3	9	3	11	1	12
1	....	2	....	1	4	1	3	3	4	2	3	4	11	33	24	32	24	38	8	46
1	....	4	1	2	3	7	14	14	14	24	27	25	42	104	74	152	26	170	8	178
2	9	9	12	18	30	46	34	39	52	37	48	49	82	309	232	351	190	481	60	541
....	1	1	4	10	11	12	23	21	28	15	22	8	12	122	50	119	53	158	14	172
6	5	7	5	8	4	6	1	3	3	....	....	1	2	36	18	22	30	49	3	52
19	12	17	31	32	29	26	28	31	23	24	19	19	33	150	191	225	116	308	33	341
13	3	8	10	29	34	39	36	42	45	63	71	50	88	324	326	376	174	464	86	550
4	2	9	8	15	11	18	24	16	24	31	31	33	57	190	99	218	70	262	27	289
1	2	3	3	6	4	2	6	2	2	1	....	....	1	....	35	23	12	33	2	35
....	....	....	....	....	....	....	1	....	....	3	2	....	....	4	2	6	....	5	1	6
....	1	....	....	....	....	....	1	....	....	1	3	3	....	7	3	7	3	10	....	10
4	1	4	7	9	11	10	16	17	17	14	16	18	19	101	84	124	61	162	23	185
....	....	....	....	....	....	....	....	....	....	....	....	....	....	31	16	....	47	43	4	47
1	....	....	....	....	....	....	....	....	....	....	....	....	....	122	112	....	234	209	25	234
....	....	....	....	....	....	....	....	....	....	....	....	....	....	68	50	....	118	112	6	118
....	....	2	2	2	2	....	....	....	....	....	....	....	....	....	8	6	2	8	....	8
....	....	....	....	....	....	....	....	....	3	8	35	60	456	251	311	508	54	532	30	562
2	....	1	4	12	11	12	4	7	7	9	6	6	13	169	161	74	256	311	19	330
....	1	....	1	5	6	4	2	4	3	3	1	2	2	10	26	27	9	30	6	36
....	....	12	28	26	19	30	19	15	10	14	12	7	9	143	58	125	76	195	6	201
....	1	6	16	13	14	13	7	4	5	3	....	....	1	73	9	32	50	54	28	82
23	47	35	36	28	47	52	41	39	39	26	28	10	22	428	87	267	248	472	43	515
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	1	....	....	1	3	....	1	1	....	....	1	2	....	11	1	3	9	12	....	12

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TABLE NO. 3.

SHOWING THE REPORTED MORTALITY FOR CALENDAR YEAR, 1903

The annual death rate per 1,000 during the year was 17.28, this being based on four per cent annual increase. During the year there were 792 more deaths than city limits; these were not included in the mortality statement. Percentage of mortality, 26.59. Percentage of deaths in city institutions to total mortality, ulation, 40,000; mortality rate per thousand, 32.62

CAUSES OF DEATH.	Total deaths reported during 1903	Total deaths reported during 1902	AGES BY YEARS. Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years White.	Total under 5 years Colored.
Total Deaths from all Causes	11145	10353	1914	448	213	147	87	2489	320
Total Zymotic Diseases	1578	1455	420	171	103	68	48	744	66
Total Constitutional Diseases	2102	2037	268	42	17	19	6	315	37
Total Local Diseases	5369	4874	664	220	82	54	26	823	163
Total Developmental Diseases	1271	1288	601	14	....	1	1	567	50
Total Deaths by Violence	813	669	20	1	10	5	6	38	4
Total Unknown	12	30	1	....	1	....	....	2	....
Small-pox	3	17	1	....	....	1	....	2	....
Measles	140	11	37	36	24	11	8	106	10
Scarlatina	89	132	3	9	9	9	14	44	....
Diphtheria	162	160	8	21	24	22	14	86	3
Croup	33	43	4	2	6	9	2	21	2
Whooping Cough	86	130	45	19	11	5	3	71	12
Typhoid Fever	288	222	....	2	....	3	2	6	1
Typhus Fever	....	1	....	....	....	....	....	....	....
Cerebro-Spinal Fever	17	15	1	3	3	....	2	9	....
Rem.Inter.Typ.-Mal, Cong.& S'ple Con. Fevs.	91	102	6	1	4	3	1	12	3
Puerperal Fever	25	12	....	....	....	....	....	....	....
Diarrhœal { Under 5 years	394	365	295	76	18	4	1	363	31
Diseases: { Other Ages	48	64	....	....	....	....	....	....	....
Erysipelas	24	37	5	....	....	....	....	4	1
Pyæmia and Septicæmia	100	92	4	1	1	....	1	7	....
Syphilis	25	14	8	....	....	....	....	7	1
Alcoholism	31	24	....	....	....	....	....	....	....
Other Zymotic Diseases	22	14	3	1	3	1	....	6	2
Cancer and Malignant Tumor	392	386	....	....	....	2	1	2	1
Phthisis and Tuberculosis—Pulmonary	1122	1111	5	7	3	1	....	13	3
Marasmus—Tabes Mesenterica and Scrofula	307	307	232	26	9	5	2	249	25
Hydrocephalus, Tubercular Meningitis, etc	170	163	26	7	5	8	3	42	7
Rheumatism and Gout	33	30	....	....	....	1	....	1	....
Other Constitutional Diseases	78	40	5	2	....	2	....	8	1
Bronchitis	384	358	121	34	20	13	3	147	44
Pneumonia	1054	945	150	86	38	25	9	236	72
Other Diseases Respiratory Organs	341	317	38	13	5	5	4	57	8
Diseases of Circulatory System	851	756	13	2	3	1	2	21	....
Meningitis and Encephalitis	171	126	64	22	3	4	3	89	7
Convulsions and Trismus	186	188	122	41	6	2	2	155	18
Heat Stroke	12	9	2	1	....	....	....	3	....
LaGrippe	58	29	7	....	....	....	....	7	....
Apoplexy	185	186	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	545	503	55	13	6	3	....	70	7
Cirrhosis of Liver and Hepatitis	167	161	1	1	....	....	....	1	1
Appendicitis	58	36	1	....	....	....	1	2	....
Enteritis,Gastro-Enteritis, Per'tis and Gas'tis	364	309	....	....	....	....	....	....	....
Bright's Disease and Nephritis	547	496	4	4	1	1	1	9	2
Other Diseases Urinary Organs	283	276	6	1	....	....	1	7	1
Diseases Generative Organs	29	26	....	....	....	....	....	....	....
Diseases Locomotory Organs	4	9	....	....	....	....	....	....	....
Diseases of the Integument	9	6	2	....	....	....	....	2	....
Other Local Diseases	161	128	18	2	....	....	....	17	3
Cyanosis	47	35	47	....	....	....	....	44	3
Inanition	213	189	210	2	....	....	....	190	22
Premature Birth	107	113	107	....	....	....	....	98	9
Puerperal Diseases (not incl.Puerperal Fever)	8	20	....	....	....	....	....	....	....
Senility	561	561	....	....	....	....	....	....	....
Other Developmental Diseases	335	370	237	12	....	1	1	235	16
Surgical Operations	35	41	2	....	....	....	....	2	....
Deaths by Suicide	198	142	....	....	....	....	....	....	....
Deaths by Homicide	76	81	....	....	....	....	....	....	....
Deaths by Accident	504	404	18	1	10	5	6	36	4
Execution by Warrant of Law	....	1	....	....	....	....	....	....	....
Unknown	12	30	1	....	1	....	....	2	....

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TABLE NO. 3.—Continued.

a population of 645,000, computed on census figures of 1900 (575,200), at the rate of the previous year; 682 certificates were issued for deaths occurring outside the deaths in eleemosynary and other institutions of a public character to total 15.11. White population, 605,000; mortality rate per thousand, 16.26. Colored pop-

AGES BY YEARS.															Sex.		Social Relations		Color.		
5 to 10.	10 to 15	15 to 20	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.		Male.	Female.	Married.	Single.	White.	Colored.	Total.
340	233	371	563	620	646	694	639	602	615	556	602	593	1262		6377	4768	5410	5735	9840	1305	11145
146	58	76	93	84	66	53	41	36	33	25	16	24	17		841	737	313	1265	1437	141	1578
35	26	105	180	204	207	193	160	142	129	108	102	83	76		1145	957	1027	1075	1763	339	2102
132	95	133	200	251	278	337	368	362	391	364	405	403	670		3117	2257	3064	2315	4712	659	5369
3	....	3	6	10	14	12	2	7	8	16	42	63	468		629	642	574	697	1182	89	1271
24	49	54	84	70	78	99	67	64	54	43	36	18	31		639	174	440	373	734	79	813
....	1	....	....	1	3	....	1	1	....	....	1	2	....		11	1	2	10	12	....	12
....	....	1	....	....	....	....	....	....	....	....	....	....	....		1	2	....	3	3	....	3
17	2	1	2	....	....	....	1	....	1	....	....	....	....		77	63	2	138	130	10	140
31	9	5	....	....	....	....	....	....	....	....	....	....	....		42	47	....	89	89	....	89
54	19	4	2	2	....	1	....	....	....	....	....	....	....		88	74	2	160	156	6	162
7	3	....	....	....	....	....	....	....	....	....	....	....	....		24	9	2	31	31	2	33
3	....	....	....	....	....	....	....	....	....	....	....	....	....		42	44	....	86	73	13	86
18	22	48	61	38	38	24	12	10	8	7	2	2	1		165	123	117	171	265	23	288
....	....	....	....	....	....	....	....	....	....	....	....	....	....		....	....	....	....	....	....	....
2	....	....	....	....	....	....	1	....	....	....	....	....	....		14	3	....	17	15	2	17
5	2	8	13	9	5	5	8	3	4	4	3	4	3		41	50	37	54	71	20	91
....	....	1	10	6	2	5	1	....	....	....	....	....	....		....	25	22	3	24	1	25
....	....	....	....	....	....	....	....	....	....	....	....	....	....		210	184	....	394	363	31	394
1	1	1	1	3	1	2	2	2	7	3	7	6	11		33	25	32	16	42	6	48
....	1	....	1	1	1	1	....	6	2	3	1	1	1		10	14	12	12	20	4	24
2	6	4	9	20	10	9	7	7	4	6	2	6	1		48	52	58	42	87	13	100
....	....	1	2	3	3	3	....	3	2	....	....	....	....		15	10	7	18	19	6	25
....	....	....	....	4	3	1	8	4	4	2	1	4	....		27	4	15	16	31	....	32
1	2	....	1	1	3	2	1	1	1	....	....	1	....		14	8	17	15	18	4	22
2	2	1	4	7	12	21	30	43	53	39	30	51	49		182	210	331	61	373	19	392
12	11	87	152	175	172	151	107	85	58	41	24	19	12		651	471	537	585	881	241	1122
2	1	1	1	3	2	3	2	2	2	2	4	3	5		165	142	23	284	274	33	307
12	8	14	17	14	11	8	12	2	6	2	6	5	4		87	83	69	101	133	37	170
2	1	....	1	2	2	3	5	4	5	2	2	1	2		25	8	23	10	29	4	33
5	3	2	5	3	8	7	4	6	5	2	11	4	4		35	43	44	34	73	5	78
6	1	....	8	10	4	7	1	8	19	19	13	31	66		189	195	156	228	318	66	384
28	11	25	58	55	52	83	74	62	59	56	53	50	80		672	382	452	602	887	167	1054
7	2	11	12	12	14	17	21	21	22	23	35	39	40		195	146	185	156	299	42	341
19	24	26	18	40	53	62	73	67	85	78	72	70	143		479	372	588	263	754	97	851
10	8	5	7	9	1	8	8	2	3	5	3	4	2		99	72	34	137	158	13	171
5	1	1	3	2	....	....	1	....	....	....	....	....	....		110	76	3	183	167	19	186
....	....	....	1	4	1	1	....	1	1	....	....	....	....		9	3	9	3	11	1	12
5	1	2	1	2	3	1	3	3	5	3	7	7	8		34	24	24	34	49	9	58
1	....	3	3	2	5	6	11	11	21	24	23	25	50		109	76	157	28	178	7	185
5	6	8	12	21	32	42	42	39	45	26	53	50	87		321	224	348	197	488	57	545
....	....	....	4	9	13	12	22	19	26	15	19	15	11		127	40	116	51	153	14	167
4	8	5	6	8	7	5	2	5	2	....	....	1	1		38	20	25	33	56	2	58
21	16	17	44	35	29	32	21	35	19	37	19	20	29		166	198	237	127	329	35	364
11	13	15	8	19	38	35	45	43	42	42	59	47	79		195	272	360	138	493	84	507
4	4	9	7	12	13	16	23	18	24	37	33	29	56		178	105	213	70	260	23	283
1	2	3	3	6	3	3	4	2	2	....	....	....	....		....	29	20	9	27	2	29
....	....	....	....	....	....	....	....	....	....	2	2	....	....		2	2	4	....	3	1	4
....	1	....	....	....	....	....	1	....	....	1	2	2	....		6	3	6	3	9	....	9
2	1	3	5	5	10	7	16	16	16	16	12	13	18		88	73	108	53	143	18	161
....	....	....	....	....	....	....	....	....	....	....	....	....	....		28	19	....	47	44	3	47
1	....	....	....	....	....	....	....	....	....	....	....	....	....		118	95	....	213	191	22	213
....	....	....	....	....	....	....	....	....	....	....	....	....	....		61	46	....	107	98	9	107
....	....	2	2	....	4	....	....	....	....	....	....	....	....		....	8	6	2	8	....	8
....	....	....	....	....	....	....	....	....	....	3	8	37	57	456	250	311	502	59	526	35	561
2	....	1	4	10	10	12	2	7	5	8	5	6	12		172	163	66	269	315	20	335
1	....	11	6	5	4	2	4	3	3	1	2	....	1		10	25	27	8	29	6	35
....	....	13	30	25	18	28	21	16	8	14	10	7	8		145	53	123	75	193	5	198
....	1	6	15	13	12	10	7	6	4	2	....	....	....		66	10	30	46	52	24	76
23	48	34	33	27	44	59	35	39	39	26	24	11	22		418	86	260	244	460	44	504
....	....	....	....	....	....	....	....	....	....	....	....	....	....		....	....	....	....	....	....	....
....	1	....	....	1	3	....	1	1	....	....	1	2	....		11	1	2	9	12	....	12

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TABLE No. 4

SHOWING DEATHS FROM MEASLES, SCARLATINA, DIPHTHERIA, CROUP, WHOOPING COUGH, TYPHOID FEVER, MALARIAL FEVER, PUERPERAL FEVER, DIARRHOEAL DISEASES AND OTHER ZYMOTIC AFFECTIONS.

Sanitary District.	Measles.	Scarlatina.	Diphtheria.	Croup.	Whooping Cough.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoeal Diseases under 5 Years.	Diarrhoeal Diseases over 5 Years.	Other Zymotic Diseases	Total Deaths from Zymotic Diseases.	Total Deaths from All Causes.
First	10	9	12	1	7	40	17	2	32	4	25	159	1345
Second	6	6	19	4	8	35	12	6	56	12	14	168	1124
Third	28	16	21	4	15	41	22	4	60	17	78	309	2349
Fourth	41	21	32	5	15	45	12	2	58	8	22	261	1800
Fifth	9	5	17	3	10	32	6	2	51	3	20	158	1095
Sixth	24	11	18	2	16	52	11	8	80	9	39	270	1846
Seventh	23	22	43	14	15	40	11	2	58	5	19	252	1586
Total	141	90	162	33	86	288	91	26	395	48	217	1577	

One death occurred at Quarantine from Small Pox.

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TABLE NO. 5.

TOTAL NUMBER OF DEATHS IN DIFFERENT INSTITUTIONS.

Months. 1903.	City Ambulance.	Alexian Bros. Hospital.	U. S. Marine Hospital.	St. Anthony's Hospital.	Ev. Lutheran Hospital.	Home of Friendless.	St. Joseph's Convent.	Christian Babies' Home.	City Dispensary.	St. Mary's Infirmary.	St. Luke's Hospital.	St. John's Hospital.	City Hospital.	Baptist Hospital.	St. Ann's Asylum.	Emergency Hospital.	Protestant Hospital.	Bethesda Hospital.	Mothers' and Babies' Home.	Mo. Pacific Hospital.	Rebecca Home.	Memorial Home.	Poor House.	Insane Asylum.	Female Hospital.	House of Good Shepherd.	Provident Hospital.	Jefferson Hospital.	Good Samaritan Hospital.	Polyclinic Hospital.	Deaconess Hospital.	Children's Home.	Baptist Sanitarium.	Mayfield Sanitarium.	Jewish Hospital.	Sacred Heart Convent.	Little Sisters of the Poor.	Visitation Convent.	St. Louis Mullanphy Hospital.	Quarantine.	Children's Nursery.	Colored Orphans' Home.	Martha Parson's Hospital.	Josephine Hospital.	Centenary Hospital.	Masonic Home.	Home for Aged.	St. Louis Ticket Hospital Ass'n.	Ursuline Convent.	Total.
January	1	8	1	4	6	4	3	2	1	5	8	4	3	97	3	20	1	6	3	10	7	2	3	19	7	17	3	1	2	1	1	5	3	5	3	1	2	1	1	10	2	1	1	2	2	1	4	2	248
February	2	19	1	5	3	3	2	1	1	12	5	6	7	85	6	13	1	3	10	16	2	3	1	16	13	13	4	4	1	2	2	3	2	9	3	2	1	1	1	12	1	3	1	1	1	1	1	1	1	243
March	2	12	5	3	8	4	1	1	1	15	4	11	11	108	2	11	4	8	4	8	1	1	1	13	30	11	2	1	2	1	2	4	1	10	3	1	1	1	1	9	1	1	1	1	1	1	1	1	1	322
April	1	13	3	4	10	2	1	1	1	10	1	6	4	116	4	20	6	11	8	16	4	3	1	16	9	18	1	2	1	2	1	1	3	7	2	1	1	1	1	10	1	1	1	1	1	1	1	1	1	274
May	1	15	3	3	2	2	1	1	1	15	1	6	4	94	4	18	3	1	3	8	1	1	1	19	8	21	1	2	1	2	1	2	1	6	1	1	1	1	1	10	1	1	1	1	1	1	1	1	1	267
June	1	13	2	3	1	2	1	1	1	6	2	1	7	85	1	20	7	3	1	6	3	1	1	8	3	13	2	1	1	2	2	2	1	3	1	1	1	1	1	11	1	1	1	1	1	1	1	1	1	216
July	1	22	1	3	1	2	1	1	1	11	3	3	8	75	1	19	2	4	1	8	5	1	1	21	13	23	1	1	2	1	2	3	1	4	1	1	1	1	1	8	1	1	1	1	1	1	1	1	1	280
August	2	8	1	1	5	1	1	1	2	6	1	2	4	71	1	5	6	4	2	4	2	1	1	7	4	18	3	1	1	2	1	1	1	4	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	242
September	2	2	1	3	2	1	1	1	1	9	3	4	3	69	1	15	1	2	1	6	3	1	1	11	8	20	1	1	1	1	1	1	1	5	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	233
October	1	4	1	1	3	1	1	1	1	9	3	3	7	70	6	13	1	2	1	5	2	1	1	12	4	11	1	1	1	1	1	1	1	3	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	228
November	1	6	1	2	1	1	1	1	1	11	4	7	9	79	4	9	1	2	1	6	4	2	1	14	10	9	1	1	1	1	1	2	1	5	1	1	1	1	1	7	1	1	1	1	1	1	1	1	1	227
December	1	14	1	2	7	1	1	1	1	9	3	7	11	118	4	11	4	7	1	7	4	1	1	8	10	16	1	1	2	1	1	1	1	9	1	1	1	1	1	9	1	1	1	1	1	1	1	1	1	284
Total	15	160	12	52	60	4	3	5	12	112	35	53	1067	35	174	102	18	54	66	52	21	6	170	113	209	17	21	27	21	38	22	78	23	21	7	2	109	4	5	1	1	5	22	3	7	4	2	3064

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TABLE No. 4

SHOWING DEATHS FROM MEASLES, SCARLATINA, DIPHTHERIA, CROUP, WHOOPING COUGH, TYPHOID FEVER, MALARIAL FEVER, PUERPERAL FEVER, DIARRHOEAL DISEASES AND OTHER ZYMOTIC AFFECTIONS.

Sanitary District.	Measles.	Scarlatina.	Diphtheria.	Croup.	Whooping Cough.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoeal Diseases under 5 Years.	Diarrhoeal Diseases over 5 Years.	Other Zymotic Diseases	Total Deaths from Zymotic Diseases.	Total Deaths from All Causes.
First	10	9	12	1	7	40	17	2	32	4	25	159	1345
Second	6	6	19	4	8	35	12	6	56	2	14	168	1124
Third	28	16	21	4	15	44	22	4	60	17	78	309	2349
Fourth	41	21	32	5	15	45	12	2	58	8	22	261	1800
Fifth	9	5	17	3	10	32	6	2	51	3	20	158	1095
Sixth	24	11	18	2	16	52	11	8	80	9	39	270	1846
Seventh	23	22	43	14	15	40	11	2	58	5	19	252	1586
Total	141	90	162	33	86	288	91	26	395	48	217	1577	

One death occurred at Quarantine from Small Pox.

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TABLE NO. 5.

TOTAL NUMBER OF DEATHS IN DIFFERENT INSTITUTIONS.

Months. 1903.	City Ambulance.	Alexian Bros. Hospital.	U. S. Marine Hospital.	St. Anthony's Hospital.	Rv. Lutheran Hospital.	Home of Friendless.	St. Joseph's Convent.	Christian Babies' Home.	City Dispensary.	St. Mary's Infirmary.	St. Luke's Hospital.	St. John's Hospital.	City Hospital.	Baptist Hospital.	St. Ann's Asylum.	Emergency Hospital.	Protestant Hospital.	Bethesda Hospital.	Mothers' and Babies' Home.	Mo. Pacific Hospital.	Rebecca Home.	Memorial Home.	Poor House.	Insane Asylum.	Female Hospital.	House of Good Shepherd.	Provident Hospital.	Jefferson Hospital.	Good Samaritan Hospital.	Polyclinic Hospital.	Deaconess Hospital.	Children's Home.	Baptist Sanitarium.	Mayfield Sanitarium.	Jewish Hospital.	Sacred Heart Convent.	Little Sisters of the Poor.	Visitation Convent.	St. Louis Mullanphy Hospital.	Quarantine.	Children's Nursery.	Colored Orphans' Home.	Martha Parson's Hospital.	Josephine Hospital.	Centenary Hospital.	Masonic Home.	Home for Aged.	St. Louis Ticket Hospital Ass'n.	Unknown.	Total.
January	1	8	1	4	6					8	4	3	97	3	20		1	6		7	2		19	7	17		3	1	2	1	5	3	5	3	2			10	2	3	1				2		248
February	2	19	1	3	3	2	1			7	5	7	85	6	13	1	3	3	10	3	1	3	16	13	8	30		4	4	2	1	3	9	10	2	3	1		12	1								243
March	2	12	1	5	8	1	1			15	11	6	108	6	11	4	1	8	16	4	2	1	13	9	11	18		4	2	1	2	1	3	5	1	3	2		5	1								322
April		13		3	4	4			1	15	4	6	116	4	20	1	2	1	8	3	1	4	16	21	18	20		2	2	2	2	2	4	6	3	1			4									274
May		15		3	10	4				15	6	6	94	4	18	1	3	1	6	3	3	2	19	8	21	13		2	2	2	1	2	1	6	3	2	1		4									267
June		13		2	3	2				6	4	1	85	1	20	1	4	2	8	1	1	3	8	3	27	33		1	2	2	1	2	3	3	1	1	1		1									216
July		22		1	6	1				11	2	2	71	1	19	2	6	2	4	2	1	1	2	1	13	18		3	4	1	2	1	4	8	2	1	2		8	1								280
August		8		1	5	1			2	6	3	3	69	1	15	16	15	1	8	2	3	1	4	2	8	20		1	1	1	2	1	2	4	1	1	3		4	1								242
September		19		1	2	1				9	3	3	70	6	15	1	2	2	6	1	2	1	11	5	11	11		1	3	2	1	2	1	5	2	1	1		4	2								233
October		11		3	3	1				11	4	7	79	4	18	1	2	2	5	3	4	2	14	10	9	16		1	1	2	2	2	1	7	1	1	1		5	2								228
November		6		6	4	1				9	3	7	118	4	11	1	4	2	7	4	6	1	2	8	10	16		1	2	1	2	1	1	9	1	1	1		3	2								227
December		14		1	2	7																																	4								284
Total	5	160	12	52	64	24	3	1	5	112	39	53	1067	35	174	25	102	54	66	32	21	6	170	113	249	17	21	27	21	33	21	7	105	4	5	1	1	22	3	7	4	2				3064

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TABLE NO 6.

SHOWING NATIVITY OF DECEDENTS.

Months. 1903.	St. Louis, Mo.	Missouri.	United States.	Canada.	England.	Scotland.	Wales.	Ireland.	Germany.	France.	Switzerland.	Austrian Empire.	Sweden and Norway.	Russia.	Netherlands.	Denmark	Italy.	Other Foreign Countries.	Unknown.	China.	Total.
January	237	150	220	5	6	5	1	74	139	5	7	6	7	8	.....	.....	4	7	28	.....	909
February	206	142	212	4	13	3	.....	64	140	3	11	9	4	4	.....	.....	1	12	34	.....	864
March	310	154	259	2	24	3	2	84	151	9	10	9	1	5	.....	.....	3	6	37	2	1071
April	296	118	285	3	13	1	1	70	135	6	6	5	1	5	.....	.....	4	8	28	.....	984
May	366	97	282	3	9	4	1	61	128	2	2	9	4	4	1	.....	5	8	44	.....	1010
June	377	75	222	4	16	2	.....	46	103	2	5	9	1	7	3	.....	4	7	20	.....	908
July	480	80	244	2	10	4	.....	72	140	7	6	13	1	9	2	1	4	6	40	.....	1121
August	323	75	185	3	9	.....	1	47	110	3	6	8	6	4	2	.....	2	1	48	.....	832
September	262	79	174	2	13	2	.....	61	111	2	5	10	.....	1	1	4	11	.....	31	.....	769
October	286	219	64	5	13	6	1	58	130	4	.....	11	2	5	2	1	2	1	28	.....	817
November	255	49	228	5	9	6	.....	64	137	2	5	16	.....	5	1	.....	4	5	30	1	822
December	314	112	266	9	5	3	.....	77	179	8	2	9	2	7	.....	2	12	2	24	.....	1043
Total	3690	1350	2621	47	140	41	7	778	1603	53	65	114	28	64	12	8	56	63	402	3	11145

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TABLE NO. 7.

CEMETERIES WHERE DECEDENTS WERE BURIED.

Months, 1903.	Bellefonta Ine.	Beth. Hagodrash.	Beth. Hagodel.	Bethanla.	Bethlehem.	Black Jack.	Calvary.	Chesed Shel Emeth.	Concordia.	Evangel Lutheran.	Fee Fee.	Florissant.	Friedens.	Greenwood.	Holy Ghost.	Holy Trinity	Mt. Carmel.	Mt. Olive.	Mt. Olive, Hebrew.	Mt. Sheretb, Israel.	Mt. Sinal.	Nat. Cemetery, Jeff. Barracks	New Bethlehem.	New Pickets.	Nazareth.	New St. Marcus.	Oak Hill.	Oak Dale.	Odd Fellows.	Paplin Saxon.	Potterfield.	St. Ann's.	St. Marcus.	St. Matthews.	St. John.	St. Paul's.	S. S. Peter's and Paul.	St. Peter's.	Salem.	Wesleyan.	West Evangelical Lutheran.	Quarantine.	Zion.	Shipped Outside the City.	Anatomical Board.	Crematory.	Total.
January	40	1	0	25	23	0	206	9	18	7	0	0	25	51	15	33	0	7	0	0	7	3	9	28	0	0	0	6	21	0	0	71	57	28	7	16	70	73	5	3	7	0	2	8	99	3	14	919
February	46	2	0	33	0	0	206	4	20	4	0	1	19	43	22	11	0	0	0	0	1	3	9	16	0	0	0	6	3	1	0	78	0	15	12	6	65	54	3	1	3	1	1	5	106	3	15	864
March	47	1	0	24	3	0	236	6	27	3	1	1	31	63	23	0	0	0	0	0	1	2	6	26	0	0	0	9	3	1	0	78	1	35	56	12	8	78	77	11	11	1	0	1	12	134	11	18	1071
April	56	2	0	27	2	0	252	3	9	2	0	0	22	60	19	0	0	0	0	0	3	0	6	23	0	0	0	6	4	2	0	61	0	25	33	13	3	83	75	8	1	0	0	0	12	109	33	9	934
May	49	4	0	21	1	0	256	1	11	8	0	0	27	71	11	0	0	0	0	0	5	0	6	27	0	0	0	6	4	2	0	58	0	31	36	13	0	90	69	1	1	0	0	0	10	120	20	11	1010
June	43	4	0	19	32	0	224	1	11	8	0	0	17	74	0	0	0	0	0	0	2	0	6	26	0	0	0	6	4	2	0	48	0	35	34	12	14	82	66	21	5	1	0	0	9	94	13	3	903
July	46	2	0	39	8	0	265	14	17	8	0	0	29	84	0	0	0	0	0	0	1	0	5	26	0	0	0	6	4	2	0	73	0	53	61	13	8	88	81	9	6	0	0	0	9	108	10	11	1121
August	34	1	0	21	3	1	172	9	9	8	0	0	23	55	0	0	0	0	0	0	1	0	6	26	0	0	0	6	3	2	0	62	0	41	37	8	14	85	50	4	10	0	0	0	9	121	13	12	832
September	39	1	0	23	2	0	155	9	7	3	0	1	14	68	0	0	0	0	0	0	1	0	6	19	0	0	0	6	4	2	0	38	0	35	34	5	7	72	61	2	6	1	0	0	9	97	21	4	769
October	46	3	0	28	3	0	180	9	12	5	1	2	24	39	0	0	0	0	0	0	3	0	4	21	0	0	0	6	4	2	0	51	0	26	36	10	5	72	51	3	8	1	0	0	9	108	14	6	817
November	56	2	0	33	2	0	180	9	12	5	1	2	19	46	0	0	0	0	0	0	1	0	6	28	0	0	0	6	4	2	0	61	0	31	36	4	8	63	39	3	8	3	0	0	7	110	14	17	822
December	62	3	0	31	6	0	258	8	13	5	0	0	30	69	0	0	0	0	0	0	3	0	6	30	0	0	0	6	4	1	0	45	1	48	50	6	8	83	46	2	11	4	0	0	14	143	22	12	1043
Total	554	22	3	329	78	1	2589	96	145	61	5	6	290	713	91	35	5	140	0	20	78	19	71	279	1	0	6	41	29	12	5	701	422	472	118	116	914	742	29	24	4	110	1349	197	132	11145

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TABLE NO 6.

SHOWING NATIVITY OF DECEDENTS.

Months. 1903.	St. Louis, Mo.	Missouri.	United States.	Canada.	England.	Scotland.	Wales.	Ireland.	Germany.	France.	Switzerland.	Austrian Empire.	Sweden and Norway.	Russia.	Netherlands.	Denmark	Italy.	Other Foreign Countries.	Unknown.	China.	Total.
January	227	150	220	5	6	5	1	74	139	5	7	6	7	8	.....	.....	4	7	28	.....	909
February	206	142	212	4	13	5	.....	64	140	3	11	9	4	4	.....	.....	1	12	34	.....	864
March	310	154	259	2	24	3	2	84	151	9	10	9	1	5	.....	.....	3	8	37	2	1071
April	296	118	285	3	13	1	1	70	135	6	6	9	1	5	.....	.....	4	8	28	.....	984
May	366	97	262	3	9	4	1	61	128	2	2	5	1	4	1	.....	5	8	44	.....	1010
June	377	75	222	4	16	2	.....	46	103	2	5	9	1	7	3	.....	4	7	30	.....	908
July	480	80	244	2	16	4	.....	72	140	7	6	13	1	9	2	1	4	6	40	.....	1121
August	323	75	185	3	9	.....	1	47	110	3	6	8	5	4	2	.....	2	1	48	.....	832
September	262	79	174	2	13	2	.....	61	111	2	5	10	.....	1	1	4	11	.....	31	.....	769
October	266	219	64	5	13	6	1	58	130	4	.....	11	2	5	2	1	2	1	28	.....	817
November	255	49	228	5	9	6	.....	64	137	2	5	16	.....	5	1	.....	4	5	30	1	822
December	314	112	266	9	5	3	.....	77	179	8	2	9	2	7	.....	2	12	2	24	.....	1043
Total	3690	1350	2621	47	140	41	7	778	1603	53	65	114	28	64	12	8	56	63	402	3	11145

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TABLE NO. 7.

CEMETERIES WHERE DECEDENTS WERE BURIED.

Months, 1903.	Bellefonta'ne.	Beth. Hargodrash.	Beth. Hagodel.	Bethanie.	Bethlehem.	Black Jack.	Calvary.	Chesed Shel Emeth.	Concordia.	Evangel Lutheran.	Free Fee.	Fraternal.	Fredens.	Greenwood.	Holy Ghost.	Holy Trinity.	Mt. Carmel.	Mt. Olive.	Mt. Olive, Hebrew.	Mt. Shereth, Israel.	Mt. Sinai.	Nat. Cemetery, J. of B. Barracks	New Bethlehem.	New Pickets.	Nazareth.	New St. Marcus.	Oak Hill.	Oak Dale.	Odd Fellows.	Papin Saxon.	Potterfield.	St. Ann's.	St. Marcus.	St. Matthews.	St. Johns.	St. Pauls.	S. S. Peter's and Paul.	St. Peter's.	Salem.	Wesleyan.	West Evangelical Lutheran.	Quarantine.	Zion.	Shipped Outside the City.	Anatomical Board.	Crematory.	Total.
January	40	2	1	35	23	0	205	9	18	7	0	0	25	51	15	23	0	7	0	2	7	3	9	28	0	0	6	3	2	0	30	0	2	7	16	70	73	5	7	0	2	8	99	3	14	919
February	46	1	0	33	3	0	216	4	4	3	0	1	31	43	22	11	0	9	0	2	3	3	9	16	0	0	3	3	1	0	4	0	1	6	6	65	54	1	3	0	1	5	106	3	15	964
March	47	1	0	24	3	0	236	5	9	3	0	1	32	63	24	0	0	12	0	2	1	2	7	26	0	0	4	3	1	0	2	0	1	8	8	78	77	3	11	0	1	11	134	11	18	1071
April	56	0	2	24	3	0	252	3	11	2	0	1	27	60	19	0	0	9	0	2	3	0	7	23	0	0	4	2	1	0	2	0	1	8	8	75	75	1	8	1	0	12	109	33	9	984
May	49	4	0	33	1	0	256	7	11	8	0	0	27	71	11	0	0	11	0	2	2	0	9	27	0	0	5	2	1	0	4	0	1	5	9	90	69	1	5	1	0	6	120	20	11	1010
June	43	4	0	19	32	0	224	11	11	5	0	0	17	74	0	0	0	16	0	0	2	0	5	31	0	0	2	2	1	0	3	0	1	7	9	82	66	2	7	0	0	10	94	13	3	903
July	46	2	0	29	2	0	265	11	12	8	0	0	29	84	0	0	0	18	0	0	1	0	6	35	0	0	6	4	3	0	6	0	0	9	14	86	81	4	10	0	0	9	108	10	11	1121
August	34	1	0	22	3	1	172	9	9	3	0	0	23	55	0	0	0	10	0	0	1	0	5	26	0	0	5	3	2	0	5	0	0	7	8	88	50	0	6	0	0	9	121	13	12	832
September	39	1	0	28	2	0	155	9	7	4	0	1	14	68	0	0	0	13	0	0	1	0	6	19	0	0	3	3	1	0	4	0	0	5	7	65	61	2	6	1	0	7	97	21	4	769
October	46	3	0	23	9	0	180	9	12	7	1	2	24	89	0	0	0	13	0	0	3	0	9	24	0	0	4	4	1	0	4	0	0	7	10	72	51	1	7	0	0	9	108	14	6	817
November	56	2	0	39	2	0	180	9	12	5	1	0	19	46	0	0	0	15	0	0	1	0	6	28	1	0	1	1	0	0	3	0	0	3	5	39	39	3	8	0	0	7	110	14	17	822
December	52	3	0	31	6	0	258	8	13	5	0	0	30	69	0	0	0	13	0	0	3	0	4	30	0	0	5	1	1	0	4	1	0	2	8	93	46	2	11	4	0	14	143	22	12	1043
Total	554	22	3	329	78	1	2569	96	145	61	5	6	290	713	91	35	5	140	0	20	78	19	71	279	1	0	6	41	29	12	701	5	422	472	118	116	914	742	29	92	24	4	110	1349	197	132	11145

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TABLE NO. 8.

SHOWING BIRTHS REPORTED DURING 1903.

Months. 1903.	Total.	Color.		Sex.			Nativity of Parents.									Name of Child.		
		White.	Colored.	Male.	Female.	Not Stated.	Foreign.	Native.	Foreign Father Only.	Foreign Mother Only.	Nativity of Father Stated only.				Not Stated.	Stated.	Not Stated.	Still Births.
											Native.	Foreign.	Native.	Foreign.				
January	932	885	47	459	472	1	180	575	109	40	1	4	7	0	16	618	314	70
February	967	913	54	516	451	0	168	628	102	45	0	0	14	1	9	646	321	61
March	1033	972	61	531	502	0	148	710	106	50	0	0	2	8	9	691	342	68
April	875	836	39	455	415	5	159	543	98	46	1	0	12	0	16	585	290	58
May	882	830	52	433	449	0	145	578	93	33	3	1	15	2	12	582	300	69
June	902	841	61	443	459	0	158	665	56	18	0	0	2	0	3	497	405	59
July	1138	1067	71	517	621	0	396	622	54	50	0	6	3	2	5	688	450	74
August	1069	1003	56	556	502	1	175	701	92	60	2	2	6	0	21	752	307	48
September	1097	1041	56	559	538	0	207	728	100	44	1	1	4	0	12	779	318	71
October	1077	1014	63	558	519	0	172	729	106	44	2	0	9	0	15	726	351	70
November	947	899	48	462	485	0	160	623	99	40	1	1	9	3	11	660	287	65
December	942	893	49	496	446	0	140	638	95	47	2	0	10	2	8	631	311	66
Total	11851	11194	657	5985	5859	7	2208	7740	1110	517	13	15	93	18	137	7855	3996	774

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TABLE NO. 9.

COMPARATIVE MORTALITY, 1901.

Deaths From the Seven Principal Zymotic Diseases, Estimated Population Being Computed on Census Figures of 1900.

CITIES.	Estimated Population.	Total Deaths.	Annual Rate Per 1000.	Small-Pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Whooping Cough.	Typhoid Fever	Diarrhoeal Diseases.	Consumption.
Baltimore	525,000	10,479	19.37	...	3	11	171	63	141	863	1132
Boston	573,579	11,300	19.70	74	103	210	353	65	142	725	1346
Buffalo	365,000	5,360	14.68	2	22	45	136	....	98	....	471
Chicago	1,758,025	24,406	13.38	4	158	165	495	207	509	2219	2495
Cincinnati	326,000	6,155	18.80	1	45	24	69	17	182	359	742
Louisville	217,000	3,497	16.02	2	2	3	53	6	121	92	462
New Orleans	305,000	6,478	21.24	52	1	62	41	22	141	464	971
New York	3,536,517	70,723	20.00	410	439	1162	2067	289	727	5798	8141
Philadelphia	1,321,408	24,137	18.26	156	26	219	643	261	444	1216	2946
San Francisco	360,000	6,963	19.34	1	14	13	125	43	77	75	951
St. Louis	598,000	10,601	17.72	9	34	69	307	81	198	453	1128
London, England	4,544,983	79,924	17.06	229	1958	584	1344	1609	548	3931	....

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TABLE NO. 10.

SHOWING THE REPORTED MORTALITY FOR JANUARY, 1903.

The annual death rate per 1,000 during the month was 17.09. this being based of four per cent annual increase. During the month there were 123 more deaths outside the city limits; these are not included in the monthly statement acter to total mortality, 26.98. Percentage of deaths in city institutions to total Colored population, 40,000; mortality rate per thousand, 26.00.

CAUSES OF DEATH.	Total deaths reported during Jan., 1903.	Total deaths reported during Jan., 1902.	AGES BY YEARS.					Total under 5 years	
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	White.	Colored.
Total Deaths from all Causes	919	908	152	29	16	10	9	191	25
Total Zymotic Diseases	96	87	18	4	8	7	7	42	3
Total Constitutional Diseases	160	179	16	6	2	....	....	23	1
Total Local Diseases	505	473	50	18	6	1	2	62	15
Total Developmental Diseases	114	105	68	1	....	1	....	63	7
Total Deaths by Violence	43	63	....	....	....	1	....	1	....
Total Unknown	1	1	....	....	....	....	....	....	....
Small-pox	1	5	1	....	....	....	....	1	....
Measles	1	....	....	1	....	....	....	1	....
Scarlatina	7	6	....	1	2	....	2	5	....
Diphtheria	28	9	3	2	4	5	4	18	....
Croup	4	5	1	....	....	....	1	2	....
Whooping Cough	6	6	5	....	1	....	....	5	1
Typhoid Fever	15	14	....	....	....	1	....	....	1
Cerebro-Spinal Fever	1	1	....	....	....	....	....	....	....
Rem.Inter.Typ.-Mal, Cong.& S'ple Con. Fevs.	4	5	....	....	....	....	....	....	....
Puerperal Fever	....	1	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	10	16	8	....	1	1	....	10	....
Diarrhœal Diseases: Other Ages	1	4	....	....	....	....	....	....	....
Erysipelas	....	7	....	....	....	....	....	....	....
Pyæmia and Septicæmia	13	3	....	....	....	....	....	....	....
Syphilis	2	2	....	....	....	....	....	....	....
Alcoholism	3	2	....	....	....	....	....	....	....
Anthrax	....	....	....	....	....	....	....	....	....
Other Zymotic Diseases	....	1	....	....	....	....	....	....	....
Cancer and Malignant Tumor	36	36	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	86	113	1	....	....	....	....	1	....
Marasmus—Tabes Mesenterica and Scrofula	15	18	12	2	....	....	....	14	....
Hydrocephalus, Tubercular Meningitis, etc	17	8	2	4	2	....	....	7	1
Rheumatism and Gout	1	4	....	....	....	....	....	....	....
Other Constitutional Diseases	5	....	1	....	....	....	....	1	....
Bronchitis	44	43	19	1	1	....	....	16	5
Pneumonia	118	115	10	8	3	1	....	14	8
Other Diseases Respiratory Organs	36	32	1	3	....	....	1	4	1
Diseases of Circulatory System	92	60	1	....	1	....	....	2	....
Meningitis and Encephalitis	5	16	2	1	....	....	....	3	....
Convulsions and Trismus	15	10	11	3	....	....	....	13	1
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	4	10	....	....	....	....	....	....	....
Apoplexy	20	17	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	50	37	4	2	1	....	....	7	....
Cirrhosis of Liver and Hepatitis	13	12	....	....	....	....	....	....	....
Appendicitis	5	5	....	....	....	....	1	1	....
Enteritis,Gastro-Enteritis, Per'tis and Gas'tis	25	25	....	....	....	....	....	....	....
Bright's Disease and Nephritis	52	57	1	....	....	....	....	1	....
Other Diseases Urinary Organs	17	21	1	....	....	....	....	1	....
Diseases Generative Organs	1	2	....	....	....	....	....	....	....
Diseases Locomotory Organs	1	....	....	....	....	....	....	....	....
Diseases of the Integument	....	....	....	....	....	....	....	....	....
Other Local Diseases	7	11	....	....	....	....	....	....	....
Cyanosis	4	2	4	....	....	....	....	4	....
Inanition	20	8	20	....	....	....	....	18	2
Premature Birth	12	7	12	....	....	....	....	12	....
Puerperal Diseases (not incl.Puerperal Fever)	1	....	....	....	....	....	....	....	....
Senility	39	62	....	....	....	....	....	....	....
Other Developmental Diseases	38	26	32	1	....	1	....	29	5
Surgical Operations	2	4	....	....	....	....	....	....	....
Deaths by Suicide	12	19	....	....	....	....	....	....	....
Deaths by Homicide	2	9	....	....	....	....	....	....	....
Deaths by Accident	26	31	....	....	....	1	....	1	....
Execution by Warrant of Law	1	....	....	....	....	....	....	....	....
Unknown	1	1	....	....	....	....	....	....	....

Of the 919 deaths reported during the month, 93 were non-residents; death

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TABLE NO. 10.—Continued.

on a population of 645,000, computed on census figures of 1900 (575,200) at the rate
than the previous month. 59 certificates were issued for deaths occurring
Percentage of deaths in eleemosynary and other institutions of a public char-
mortality, 15.45. White population, 605,000; mortality rate per thousand, 16.16

AGES BY YEARS.														Sex.		Social Relations		Color.		
5 to 10.	10 to 15	15 to 20	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
27	19	18	47	43	57	59	46	57	59	49	60	56	106	541	378	465	454	815	104	919
13	6	3	7	5	1	6	3	3	2	1	....	1	1	50	46	21	75	89	7	96
2	2	6	14	13	20	19	11	13	11	8	8	3	6	97	63	75	85	134	26	160
12	9	6	20	19	28	31	28	38	44	36	39	45	73	297	208	310	195	452	53	505
....	....	....	2	....	2	....	....	1	....	....	6	7	26	67	47	36	78	103	11	114
....	2	3	4	6	6	3	4	2	1	4	7	....	....	29	14	23	20	36	7	43
....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
1	1	....	....	....	....	....	....	....	....	....	....	....	....	4	3	....	7	7	....	7
8	....	2	....	....	....	....	....	....	....	....	....	....	....	14	14	....	28	28	....	28
2	....	....	....	....	....	....	....	....	....	....	....	....	....	2	2	....	4	4	....	4
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	4	....	6	5	1	6
....	1	1	4	3	....	3	....	1	1	....	....	....	....	11	4	8	7	13	2	15
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	2	....	....	1	1	....	....	....	....	....	....	1	3	3	1	3	1	4
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	5	....	10	10	....	10
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	4	....	1	2	....	1	1	....	1	1	....	1	....	5	8	8	5	11	2	13
....	....	....	....	....	....	1	....	1	....	....	....	....	....	1	1	1	1	1	1	2
....	....	....	....	....	1	....	1	1	....	....	....	....	....	3	....	....	3	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	2	1	4	3	8	7	3	3	5	19	17	32	4	32	4	36
2	1	4	12	11	15	16	7	10	3	1	2	....	1	67	29	37	49	65	21	86
....	....	....	1	....	....	....	....	....	....	....	....	....	....	8	7	....	15	15	....	15
....	....	2	1	2	1	1	....	....	....	....	2	....	....	11	6	3	14	16	1	17
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	1	....	....	....	2	....	....	....	....	....	1	....	....	2	3	2	3	5	....	5
1	1	....	....	....	....	1	....	1	3	3	....	6	7	26	18	17	27	37	7	44
....	1	2	6	8	7	7	9	11	14	4	8	7	12	82	36	65	53	101	17	118
1	....	2	1	2	2	1	1	1	4	3	5	3	6	14	22	23	13	31	5	36
6	3	....	4	2	2	7	4	8	11	5	6	9	23	46	46	61	31	83	9	92
1	....	....	....	....	....	....	....	....	....	....	....	1	....	5	....	1	4	5	....	5
1	....	....	....	....	....	....	....	....	....	....	....	....	....	9	6	1	14	14	1	15
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	1	....	....	....	....	....	1	....	....	1	....	2	2	3	1	2	2	4
....	....	....	....	....	1	....	1	1	2	2	4	2	7	9	11	20	....	19	1	20
1	1	....	2	2	2	2	6	3	4	3	7	4	6	30	20	30	20	48	2	50
....	....	....	....	....	4	1	2	1	....	2	2	1	....	12	1	11	2	12	1	13
....	2	....	....	....	....	2	....	....	....	....	....	....	....	3	2	1	4	4	1	5
....	1	....	5	3	3	1	....	3	....	2	1	4	2	15	10	18	7	25	....	25
....	....	....	1	1	4	6	3	7	3	10	4	5	7	32	20	37	15	45	7	52
....	....	2	....	....	3	1	1	1	....	1	2	2	3	8	9	13	4	17	....	17
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	2	1	1	2	1	....	....	....	4	3	7	....	7	....	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	1	....	4	4	....	4
....	....	....	....	....	....	....	....	....	....	....	....	....	....	12	8	....	20	18	2	20
....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	2	....	12	12	....	12
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	1	....	....	6	7	25	21	18	33	6	35	4	39
....	....	....	1	....	2	....	....	....	....	....	....	....	1	21	17	2	36	33	5	38
....	....	....	....	2	....	....	....	....	....	....	....	....	....	2	....	1	1	2	....	2
....	....	2	1	3	2	1	....	1	....	2	....	....	....	4	8	9	3	10	2	12
....	....	....	1	....	1	....	....	....	....	....	....	....	....	2	....	....	2	....	....	2
....	2	1	2	2	1	2	4	1	1	2	7	....	....	20	6	12	14	24	....	26
....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	1
....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	1	....	1

rate per 1,000, exclusive of these, is 15.36.

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TABLE NO. 11.

SHOWING THE REPORTED MORTALITY FOR FEBRUARY, 1903.

The annual death rate per 1,000 during the month was 16.07, this being based of four per cent annual increase. During the month there were 55 less deaths outside the city limits; these are not included in the monthly statement. acter to total mortality, 28.24 Percentage of deaths in city institutions to total Colored population, 40,000; mortality rate per thousand, 30.00.

CAUSES OF DEATH.	Total deaths reported during Feb., 1903	Total deaths reported during Feb., 1902.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Total under 5 years. Colored.
Total Deaths from all Causes	864	947	120	23	17	13	10	164	19
Total Zymotic Diseases	89	98	21	6	8	5	4	44	....
Total Constitutional Diseases	153	159	13	4	....	....	1	13	5
Total Local Diseases	484	517	59	13	9	7	5	82	11
Total Developmental Diseases	90	121	26	....	....	....	....	25	1
Total Deaths by Violence	47	50	....	....	....	1	....	....	1
Total Unknown	1	2	1	....	....	....	....	....	1
Small-pox	1	1	....	....	....	....	....	....	....
Measles	5	2	3	2	....	....	....	5	....
Scarlatina	4	9	....	....	....	2	1	3	....
Diphtheria	20	19	....	1	3	2	2	8	....
Croup	2	3	....	....	....	1	....	1	....
Whooping Cough	4	7	2	....	1	....	1	4	....
Typhoid Fever	15	16	....	....	1	....	....	1	....
Cerebro-Spinal Fever	2	2	....	....	1	....	....	1	....
Rem.Inter.Typ.-Mal, Cong.& S'ple Con. Fevs.	1	6	....	....	....	....	....	....	....
Puerperal Fever	....	1	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	18	4	14	3	1	....	....	18	....
Diarrhœal Diseases: Other Ages	1	6	....	....	....	....	....	....	....
Erysipelas	1	5	....	....	....	....	....	....	....
Pyæmia and Septicæmia	10	12	2	....	....	....	....	2	....
Syphilis	....	3	....	....	....	....	....	....	....
Alcoholism	2	1	....	....	....	....	....	....	....
Anthrax	....	....	....	....	....	....	....	....	....
Other Zymotic Diseases	3	1	....	....	1	....	....	1	....
Cancer and Malignant Tumor	25	25	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	87	105	....	1	....	....	....	....	1
Marasmus—Tabes Mesenterica and Scrofula	15	14	11	3	....	....	....	10	4
Hydrocephalus, Tubercular Meningitis, etc	19	11	2	....	....	....	1	3	....
Rheumatism and Gout	4	2	....	....	....	....	....	....	....
Other Constitutional Diseases	3	2	....	....	....	....	....	....	....
Bronchitis	50	36	15	3	3	3	1	22	3
Pneumonia	113	161	13	3	5	3	1	21	4
Other Diseases Respiratory Organs	28	44	3	2	....	....	1	5	1
Diseases of Circulatory System	56	71	4	....	....	....	2	6	....
Meningitis and Encephalitis	17	11	9	....	....	....	....	8	1
Convulsions and Trismus	11	11	6	4	1	....	....	9	2
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	12	5	2	....	....	....	....	2	....
Apoplexy	19	20	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	46	37	4	....	....	1	....	5	....
Cirrhosis of Liver and Hepatitis	19	12	....	....	....	....	....	....	....
Appendicitis	2	1	....	....	....	....	....	....	....
Enteritis,Gastro-Enteritis, Per'tis and Gas'tis	30	21	....	....	....	....	....	....	....
Bright's Disease and Nephritis	36	35	....	1	....	....	....	1	....
Other Diseases Urinary Organs	32	31	1	....	....	....	....	1	....
Diseases Generative Organs	1	2	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	1	....	....	....	1	....	....	....
Diseases of the Integument	....	1	....	....	....	....	....	....	....
Other Local Diseases	11	17	2	....	....	....	....	2	....
Cyanosis	3	6	3	....	....	....	....	3	....
Inanition	4	11	4	....	....	....	....	4	....
Premature Birth	4	7	4	....	....	....	....	3	1
Puerperal Diseases (not incl.Puerperal Fever)	1	1	....	....	....	....	....	....	....
Senility	61	64	....	....	....	....	....	....	....
Other Developmental Diseases	17	32	15	....	....	....	....	15	....
Surgical Operations	1	4	....	....	....	....	....	....	....
Deaths by Suicide	4	1	....	....	....	....	....	....	....
Deaths by Homicide	8	4	....	....	....	....	....	....	....
Deaths by Accident	33	41	....	....	....	1	....	....	1
Execution by Warrant of Law	1	....	....	....	....	....	....	....	....
Unknown	1	1	1	....	....	....	....	....	1

Of the 864 deaths reported during the month, 84 were non-residents; death

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TABLE NO. 11.—Continued.

on a population of 645,000, computed on census figures of 1900 (575,200) at the rate than the previous month. 56 certificates were issued for deaths occurring Percentage of deaths in eleemosynary and other institutions of a public char- mortality, 14.12. White population, 605,000; mortality rate per thousand, 15.15

AGES BY YEARS.														Sex.		Social Relations		Color.		
5 to 10.	10 to 15	15 to 20	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
27	15	28	37	56	47	59	46	48	38	52	49	59	120	511	353	450	414	764	100	864
14	4	4	4	4	5	3	....	....	2	....	....	....	....	56	33	15	74	84	5	89
....	4	8	15	12	17	15	11	8	9	8	....	6	....	78	75	73	80	124	29	153
13	7	11	10	21	21	35	32	36	23	37	37	45	67	287	197	278	206	435	49	484
....	....	1	1	....	....	....	....	....	....	4	4	7	47	46	44	58	32	84	6	90
....	....	4	7	9	4	6	3	4	4	1	1	1	2	43	4	26	21	37	10	47
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	1	....	5	5	....	5
1	....	....	....	....	....	....	....	....	....	....	....	....	....	3	1	....	4	4	....	4
9	3	....	....	....	....	....	....	....	....	....	....	....	....	11	9	....	20	19	1	20
1	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	2	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	3	....	4	4	....	4
1	....	2	4	2	3	1	....	....	....	1	....	....	....	11	4	7	8	14	1	15
1	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	2	1	1	2
....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	9	9	....	18	18	....	18
....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	1	....	1
....	....	....	....	2	1	2	....	....	....	1	2	....	....	6	4	4	6	8	2	10
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	1	....	....	....	1	....	....	....	....	2	....	2	....	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	1	....	....	....	....	....	....	....	....	....	....	....	....	2	1	1	2	3	....	3
....	....	....	....	....	1	2	2	3	6	3	2	1	3	13	12	23	2	25	....	25
....	3	6	15	17	12	11	7	4	3	3	2	2	1	44	43	33	54	68	19	87
....	....	....	....	....	....	....	....	....	....	....	1	....	....	8	7	1	14	11	4	15
....	1	2	....	4	3	1	1	1	....	....	....	3	....	9	10	9	10	14	5	19
....	....	....	....	1	1	1	....	....	....	1	....	....	....	3	1	4	....	3	1	4
....	....	....	....	....	....	....	1	....	....	1	....	....	....	1	2	3	....	3	....	3
2	....	....	1	2	1	1	....	1	1	4	....	6	6	26	24	19	31	43	7	50
3	....	4	3	5	8	13	5	9	5	4	6	7	16	75	38	59	54	99	14	113
....	1	1	....	1	....	1	4	2	1	....	4	3	5	17	12	16	13	27	2	29
1	2	3	1	1	1	4	6	4	6	10	3	5	3	33	23	31	25	53	3	56
1	2	1	....	1	....	1	....	....	....	....	1	1	....	12	5	4	13	15	2	17
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	7	....	11	9	2	11
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	....	....	....	1	1	....	....	....	....	1	3	1	1	8	4	....	12	12	....	12
....	....	....	1	....	1	....	2	1	2	4	3	5	5	13	6	15	4	19	....	19
1	....	....	1	5	1	3	4	4	3	3	6	5	6	30	16	29	17	42	4	46
1	....	....	....	....	....	1	2	2	1	4	2	5	1	13	6	17	2	19	....	19
....	....	....	....	....	1	....	1	....	....	....	....	....	....	1	1	2	....	2	....	2
2	....	1	3	4	2	6	3	4	....	1	....	1	3	13	17	23	7	25	5	30
....	1	....	....	1	1	1	4	4	4	2	3	5	2	22	14	31	5	31	5	36
....	1	1	....	....	3	2	3	2	1	4	5	3	6	17	15	21	8	28	4	32
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	1	2	....	2	....	2	....	....	2	3	8	7	4	10	1	11
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	3	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	1	....	4	4	....	4
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	3	....	4	3	1	4
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	3	4	7	47	33	28	55	6	58	3	61
....	....	....	1	....	....	....	....	....	....	1	....	....	....	7	10	2	15	15	2	17
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	1	2	....	....	....	....	....	1	....	....	....	....	4	....	2	2	4	....	4
....	....	1	1	4	1	....	1	....	....	....	....	....	....	7	1	5	3	3	5	8
....	....	3	4	2	3	6	2	4	3	1	1	1	2	31	2	18	15	29	4	33
....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1	1

rate per 1,000, exclusive of these, is 14.51.

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TABLE NO. 12.

SHOWING THE REPORTED MORTALITY FOR MARCH, 1903.

The annual death rate per 1,000 during the month was 19.92, this being based of four per cent annual increase. During the month there were 207 more deaths outside the city limits; these are not included in the monthly statement. acter to total mortality, 30 06 Percentage of deaths in city institutions to total Colored population, 40,000; mortality rate per thousand, 40.8.

CAUSES OF DEATH.	Total deaths reported during March, 1903.	Total deaths reported during March, 1902.	AGES BY YEARS.					Total under 5 years	
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	White.	Colored.
Total Deaths from all Causes	1071	1030	164	40	18	18	12	227	25
Total Zymotic Diseases	112	131	25	12	7	8	5	55	4
Total Constitutional Diseases	196	176	16	2	2	2	2	20	1
Total Local Diseases	578	572	67	25	8	8	4	97	15
Total Developmental Diseases	118	96	53	1	....	....	....	51	3
Total Deaths by Violence	67	51	3	....	1	....	1	4	1
Total Unknown	....	1	....	....	....	....	....	....	....
Small-pox	1	2	....	....	....	1	....	1	....
Measles	17	5	4	5	3	2	....	14	....
Scarlatina	5	14	....	2	....	....	1	3	....
Diphtheria	14	28	2	2	1	4	....	9	....
Croup	2	1	....	....	1	1	....	2	....
Whooping Cough	10	16	5	2	2	....	1	9	1
Typhoid Fever	20	11	....	....	....	....	....	....	....
Cerebro-Spinal Fever	1	1	....	1	....	....	....	1	....
Rem.Inter.Typ.-Mal. Cong.& S'ple Con. Fevs.	4	9	....	....	....	....	....	....	....
Puerperal Fever	2	....	....	....	....	....	....	....	....
Diarrhœal { Under 5 years	12	12	11	....	....	....	1	11	1
Diseases: { Other Ages	2	5	....	....	....	....	....	....	....
Erysipelas	2	9	....	....	....	....	1	1	....
Pyæmia and Septicæmia	11	12	1	....	....	....	1	2	....
Syphilis	7	....	2	....	....	....	....	2	....
Alcoholism	1	1	....	....	....	....	....	....	....
Anthrax	....	....	....	....	....	....	....	....	....
Other Zymotic Diseases	1	1	....	....	....	....	....	....	....
Cancer and Malignant Tumor	40	35	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	114	97	....	1	....	....	....	1	....
Marasmus—Tabes Mesenterica and Scrofula	20	15	13	1	1	1	....	13	3
Hydrocephalus, Tubercular Meningitis, etc	16	17	3	....	1	1	2	6	1
Rheumatism and Gout	2	6	....	....	....	....	....	....	....
Other Constitutional Diseases	4	6	....	....	....	....	....	....	....
Bronchitis	43	73	16	6	3	....	1	20	6
Pneumonia	148	141	18	13	3	3	2	34	5
Other Diseases Respiratory Organs	41	38	3	....	....	....	....	3	....
Diseases of Circulatory System	77	86	1	....	....	1	....	2	....
Meningitis and Encephalitis	12	14	1	3	1	2	....	6	1
Convulsions and Trismus	13	17	8	2	1	1	1	11	2
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	21	4	3	....	....	....	....	3	....
Apoplexy	20	18	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	61	51	13	1	....	....	....	13	1
Cirrhosis of Liver and Hepatitis	17	13	....	....	....	....	....	....	....
Appendicitis	7	6	....	....	....	....	....	....	....
Enteritis,Gastro-Enteritis, Per'tis and Gas'tis	33	26	....	....	....	....	....	....	....
Bright's Disease and Nephritis	39	45	....	....	....	1	....	1	....
Other Diseases Urinary Organs	30	26	2	....	....	....	....	2	....
Diseases Generative Organs	2	3	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	1	....	....	....	....	....	....	....
Diseases of the Integument	....	2	....	....	....	....	....	....	....
Other Local Diseases	14	9	2	....	....	....	....	2	....
Cyanosis	5	3	5	....	....	....	....	5	....
Inanition	19	19	19	....	....	....	....	19	....
Premature Birth	5	3	5	....	....	....	....	3	2
Puerperal Diseases (not incl.Puerperal Fever)	2	1	....	....	....	....	....	....	....
Senility	58	51	....	....	....	....	....	....	....
Other Developmental Diseases	29	19	24	1	....	....	....	24	1
Surgical Operations	1	7	....	....	....	....	....	....	....
Deaths by Suicide	20	10	....	....	....	....	....	....	....
Deaths by Homicide	6	4	....	....	....	....	....	....	....
Deaths by Accident	40	30	3	....	1	....	1	4	1
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	....	1	....	....	....	....	....	....	....

Of the 1,071 deaths reported during the month, 92 were non-residents; death

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TABLE NO. 12.—Continued.

on a population of 645,000, computed on census figures of 1900 (575,200) at the rate than the previous month. 73 certificates were issued for deaths occurring Percentage of deaths in eleemosynary and other institutions of a public char- mortality, 15.12. White population, 605,000; mortality rate per thousand, 18.54.

AGES BY YEARS.														Sex.		Social Relations		Color.		
5 to 10.	10 to 15	15 to 20	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
23	19	32	56	65	60	67	67	58	67	56	62	54	134	594	477	552	519	935	136	1071
9	5	3	5	8	6	3	7	3	1	1	2	....	2	54	58	24	88	101	11	112
4	2	14	17	30	16	11	18	10	15	6	13	10	6	96	100	98	98	153	43	196
7	9	13	23	19	32	41	37	36	47	44	42	37	77	333	245	341	237	512	66	578
....	....	....	2	....	1	2	....	....	1	2	5	5	46	58	60	53	65	105	10	118
2	3	2	7	8	5	10	5	9	3	3	....	2	3	53	14	36	31	61	6	67
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	1	....	....	....	....	....	....	....	....	....	....	8	9	....	17	17	....	17
2	....	....	....	....	....	....	....	....	....	....	....	....	....	2	3	....	5	5	....	5
4	....	....	....	....	....	....	1	....	....	....	....	....	....	8	6	1	13	14	....	14
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	2	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	4	....	10	9	1	10
1	2	3	1	4	4	1	2	....	1	....	....	....	1	11	9	9	11	16	4	20
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	1	....	1	....	....	....	2	....	....	....	....	....	....	1	3	2	2	2	2	4
....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	2	2	....	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	7	....	12	11	1	12
....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	2	1	1	2	....	2
....	....	....	1	....	....	....	....	....	....	....	....	....	....	2	....	....	2	2	....	2
....	1	....	3	2	1	1	1	1	....	1	2	....	....	4	7	7	4	10	1	11
....	....	....	....	....	....	....	1	1	....	....	....	....	....	5	2	2	5	6	1	7
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1	1
....	....	1	1	....	....	3	2	3	7	3	10	8	3	18	22	33	7	37	3	40
1	1	11	12	29	15	8	14	6	7	4	1	2	2	59	55	57	57	82	32	114
1	....	....	....	....	....	....	1	....	....	....	1	....	1	10	10	3	17	17	3	20
2	1	2	4	....	....	....	....	....	....	....	....	....	....	5	11	1	15	12	4	16
....	....	....	....	1	....	....	....	1	....	....	....	....	....	1	1	1	1	2	....	2
....	....	....	....	....	1	....	1	....	1	....	1	....	....	3	1	3	1	3	1	4
....	....	....	....	1	....	2	....	1	1	2	1	3	6	22	21	15	28	35	8	43
1	2	2	11	5	10	12	11	9	11	13	10	5	8	98	50	71	77	129	19	148
1	....	2	1	1	1	1	4	2	5	4	5	5	6	36	15	31	10	37	4	41
1	1	2	2	3	1	6	7	7	12	6	3	5	19	34	43	63	14	63	14	77
....	....	....	....	....	1	2	....	....	....	1	1	....	....	6	6	3	9	11	1	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	7	6	....	13	11	2	13
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	1	....	....	....	1	1	2	....	2	2	1	2	5	12	9	11	10	19	2	21
....	....	....	....	1	1	2	....	....	5	3	2	4	2	10	10	17	3	20	....	20
1	....	1	1	1	5	3	4	5	2	3	6	3	12	41	20	32	29	56	5	61
....	....	....	1	1	1	2	1	2	1	2	2	3	1	13	4	11	6	17	....	17
....	3	....	1	1	2	....	....	....	....	....	....	....	....	4	3	3	4	7	....	7
2	1	3	7	3	2	3	....	2	....	2	2	2	4	15	18	22	11	30	3	33
....	....	3	....	1	3	4	3	3	2	4	6	2	7	23	17	29	10	31	8	39
....	1	....	....	1	1	2	3	3	5	2	2	2	6	16	14	23	7	30	....	30
....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	2	2	....	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	3	....	2	2	1	1	1	1	1	7	7	8	6	14	....	14
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	....	5	5	....	5
....	....	....	....	....	....	....	....	....	....	....	....	....	....	13	6	....	19	19	....	19
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	3	....	5	3	2	5
....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	2	2	....	2	....	2
....	....	....	....	1	1	....	....	....	1	1	5	5	46	27	31	48	10	51	7	58
....	....	....	1	....	....	1	....	....	....	1	....	....	....	16	13	3	26	28	1	29
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	1	4	2	3	3	3	2	....	1	....	....	1	17	3	13	7	20	....	20
....	....	....	1	1	1	1	....	2	....	....	....	....	....	4	2	2	4	5	1	6
2	3	1	1	5	1	6	2	5	3	2	....	2	2	32	8	20	29	35	5	40
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

rate per 1,000, exclusive of these, is 18.21.

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TABLE NO. 13.

SHOWING THE REPORTED MORTALITY FOR APRIL, 1903.

The annual death rate per 1,000 during the month was 18.30, this being based of four per cent annual increase. During the month there were 87 less deaths outside the city limits; these are not included in the monthly statement. acter to total mortality, 27.84. Percentage of deaths in city institutions to total Colored population, 40,000; mortality rate per thousand, 36.

CAUSES OF DEATH.	Total deaths reported during April, 1903.	Total deaths reported during April, 1902.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years	
								White.	Colored.
Total Deaths from all Causes	984	991	136	51	34	11	14	226	20
Total Zymotic Diseases	124	99	14	21	19	7	7	64	4
Total Constitutional Diseases	204	182	20	1	6	....	....	26	1
Total Local Diseases	486	536	50	26	9	3	5	79	14
Total Developmental Diseases	123	124	51	3	....	1	1	55	1
Total Deaths by Violence	46	48	....	....	....	....	1	1	....
Total Unknown	1	2	1	....	....	....	....	1	....
Small-pox	....	4	....	....	....	....	....	....	....
Measles	32	....	5	9	7	....	5	24	2
Scarlatina	6	17	....	....	1	....	....	1	....
Diphtheria	20	7	....	4	5	4	1	14	....
Croup	2	....	....	....	....	1	....	1	....
Whooping Cough	8	20	1	4	2	....	....	7	....
Typhoid Fever	17	14	....	....	....	1	1	2	....
Cerebro-Spinal Fever	....	2	....	....	....	....	....	....	....
Rem. Inter. Typ.-Mal, Cong. & S'ple Con. Fevs.	4	3	....	....	....	1	....	1	....
Puerperal Fever	1	2	....	....	....	....	....	....	....
Diarrhœal { Under 5 years	14	7	7	4	3	....	....	12	2
Diseases: { Other Ages	4	5	....	....	....	....	....	....	....
Erysipelas	5	2	1	....	....	....	....	1	....
Pyæmia and Septicæmia	5	9	....	....	1	....	....	1	....
Syphilis	3	1	....	....	....	....	....	....	....
Alcoholism	3	4	....	....	....	....	....	....	....
Anthrax	....	....	....	....	....	....	....	....	....
Other Zymotic Diseases	....	2	....	....	....	....	....	....	....
Cancer and Malignant Tumor	27	27	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	110	105	....	....	1	....	....	1	....
Marasmus—Tabes Mesenterica and Scrofula	23	25	14	1	4	....	....	18	1
Hydrocephalus, Tubercular Meningitis, etc	28	20	6	....	1	....	....	7	....
Rheumatism and Gout	2	2	....	....	....	....	....	....	....
Other Constitutional Diseases	4	3	....	....	....	....	....	....	....
Bronchitis	33	49	8	4	3	....	....	15	3
Pneumonia	143	145	17	9	3	1	2	21	11
Other Diseases Respiratory Organs	30	31	2	3	....	....	1	6	....
Diseases of Circulatory System	73	75	1	....	....	....	....	1	....
Meningitis and Encephalitis	18	11	4	5	....	2	1	12	....
Convulsions and Trismus	19	11	14	3	2	....	....	19	....
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	7	3	....	....	....	....	....	....	....
Apoplexy	12	23	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	27	42	3	1	....	....	....	4	....
Cirrhosis of Liver and Hepatitis	21	13	....	....	....	....	....	....	....
Appendicitis	3	4	....	....	....	....	....	....	....
Enteritis, Gastro-Enteritis, Per'tis and Gas'tis	20	37	....	....	....	....	....	....	....
Bright's Disease and Nephritis	44	47	....	1	1	....	1	3	....
Other Diseases Urinary Organs	25	28	....	....	....	....	....	....	....
Diseases Generative Organs	2	2	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	1	....	....	....	....	....	....	....
Diseases of the Integument	....	....	....	....	....	....	....	....	....
Other Local Diseases	9	14	1	....	....	....	....	1	....
Cyanosis	5	1	5	....	....	....	....	5	....
Inanition	12	21	11	....	....	....	....	11	....
Premature Birth	16	30	16	....	....	....	....	15	1
Puerperal Diseases (not incl. Puerperal Fever)	3	3	....	....	....	....	....	....	....
Senility	58	62	....	....	....	....	....	....	....
Other Developmental Diseases	29	28	19	3	....	1	1	24	....
Surgical Operations	4	1	....	....	....	....	....	....	....
Deaths by Suicide	14	7	....	....	....	....	....	....	....
Deaths by Homicide	5	8	....	....	....	....	....	....	....
Deaths by Accident	23	31	....	....	....	....	1	1	....
Execution by Warrant of Law	....	1	....	....	....	....	....	....	....
Unknown	1	2	1	....	....	....	....	1	....

Of the 984 deaths reported during the month, 87 were non-residents; death

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TABLE NO. 13.—Continued.

on a population of 645,000, computed on census figures of 1900 (575,200) at the rate than the previous month. 61 certificates were issued for deaths occurring Percentage of deaths in eleemosynary and other institutions of a public char- mortality, 16.76 White population, 605,000; mortality rate per thousand, 17.13

AGES BY YEARS.														Sex.		Social Relations		Color.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
47	19	30	48	55	52	50	62	47	61	64	51	47	105	587	397	435	549	864	120	984
15	3	6	8	7	4	4	....	....	1	3	2	1	1	65	59	13	111	115	9	124
3	3	6	17	19	15	17	24	17	16	11	8	9	8	123	81	92	112	180	24	204
12	11	14	17	28	24	25	32	27	40	47	37	28	45	309	177	248	238	409	77	486
1	....	1	1	1	3	1	....	....	1	1	3	8	47	56	67	57	66	117	6	123
3	2	3	7	....	6	3	6	3	3	2	2	1	4	33	13	25	21	42	4	46
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	1	....	....	....	....	....	....	....	....	....	....	....	....	14	18	1	31	30	2	32
....	2	....	....	....	....	....	....	....	....	....	....	....	....	5	1	....	6	6	....	6
....	....	1	....	....	....	....	....	....	....	....	....	....	....	11	9	....	20	19	1	20
1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	2	....	2
1	....	....	....	....	....	....	....	....	....	....	....	....	....	3	5	....	8	8	....	8
2	....	5	3	2	1	2	....	....	....	....	....	....	....	10	7	2	15	14	3	17
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	1	....	....	....	....	....	....	....	1	....	....	....	2	2	1	3	3	1	4
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	8	6	....	14	12	2	14
....	....	....	1	1	....	1	....	....	....	....	....	....	1	2	2	2	2	4	....	4
....	....	....	....	1	1	....	....	....	....	1	....	1	....	3	2	1	4	5	....	5
....	....	....	1	2	....	....	....	....	....	1	....	....	....	3	2	1	4	5	....	5
....	....	....	....	....	2	1	....	....	....	....	....	....	....	1	2	3	....	3	....	3
....	....	....	....	....	....	....	....	....	1	....	2	....	....	2	1	1	2	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	1	....	1	4	5	6	5	9	7	3	19	18	28	9	35	2	37
2	....	5	14	15	14	15	15	10	8	5	2	1	3	72	38	47	63	97	13	110
....	1	....	....	....	....	1	....	....	....	....	1	1	....	11	12	3	20	19	4	23
4	2	1	2	3	1	1	4	....	1	1	....	....	1	18	10	10	18	23	5	28
....	....	....	....	....	....	....	....	1	1	....	....	....	....	1	1	2	....	2	....	2
1	....	....	1	....	....	....	....	1	....	....	....	....	1	2	2	2	2	4	....	4
1	....	....	1	....	1	....	1	1	2	1	2	2	6	21	12	13	20	26	7	33
9	3	6	8	6	5	13	11	8	9	8	10	5	10	97	46	60	83	112	31	143
1	....	....	2	2	1	2	1	3	1	5	3	1	2	18	12	15	15	26	4	30
2	4	3	....	3	8	2	5	2	12	13	4	7	7	45	28	47	26	66	7	73
2	2	1	....	....	....	....	....	....	....	....	....	....	1	11	7	....	18	18	....	18
....	....	....	....	....	....	....	....	....	....	....	....	....	....	15	4	....	19	19	....	19
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	1	....	....	....	....	....	1	....	1	....	2	2	4	3	5	2	5	2	7
....	....	....	....	....	....	....	2	....	....	1	1	1	7	6	6	11	1	16	2	12
....	1	....	....	5	....	1	2	4	3	1	5	....	1	17	10	14	13	19	8	27
....	....	....	1	....	3	2	3	2	4	2	2	1	1	18	3	11	10	16	5	21
....	....	....	....	1	1	....	1	....	....	....	....	....	....	1	2	3	....	3	....	3
....	....	1	2	1	1	2	2	2	1	4	1	....	3	5	15	15	5	19	1	20
2	1	....	2	5	3	2	3	2	5	6	6	3	1	35	9	27	17	35	9	44
....	....	1	....	5	....	1	....	2	3	4	3	4	2	14	11	20	5	25	....	25
....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	2	2	....	2	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	1	....	....	....	....	1	....	....	1	....	2	2	2	7	5	4	8	1	9
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	2	....	5	5	....	5
1	....	....	....	....	....	....	....	....	....	....	....	....	....	9	3	....	12	12	....	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	8	8	....	16	15	1	16
....	....	1	1	....	1	....	....	....	....	....	....	....	....	....	3	2	1	3	....	3
....	....	....	....	....	....	....	....	....	1	1	1	8	47	23	35	52	6	53	5	58
....	....	....	....	1	2	1	....	....	....	....	1	....	....	13	16	3	26	29	....	29
....	....	....	2	....	....	....	1	....	....	1	....	....	....	....	4	4	....	3	1	4
....	....	3	1	....	1	3	2	1	1	....	....	....	2	9	5	5	9	14	....	14
....	....	....	2	....	3	....	....	....	....	....	....	....	....	5	....	3	2	4	1	5
3	2	....	2	....	2	....	3	2	2	1	2	1	2	19	4	13	10	21	2	23
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1

rate per 1,000, exclusive of these, is 16.68.

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TABLE NO. 14.

SHOWING THE REPORTED MORTALITY FOR MAY, 1903.

The annual death rate per 1,000 during the month was 18.78. this being based
rate of four per cent annual increase. During the month there were 26 more
outside the city limits; these are not included in the monthly statement.
acter to total mortality, 26 43. Percentage of deaths in city institutions to total
Colored population, 40.000; mortality rate per thousand, 37.50.

CAUSES OF DEATH.	Total deaths reported during May, 1903.	Total deaths reported during May, 1902.	AGES BY YEARS. Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years White.	Total under 5 years Colored.
Total Deaths from all Causes	1010	904	173	56	34	26	5	252	42
Total Zymotic Diseases	140	101	30	21	18	9	2	71	9
Total Constitutional Diseases	172	161	13	3	1	4	....	17	4
Total Local Diseases	502	467	64	31	14	11	3	162	21
Total Developmental Diseases	119	107	64	1	....	....	....	57	8
Total Deaths by Violence	77	59	2	....	1	2	....	5	....
Total Unknown	....	9	....	....	....	....	....	....	....
Small-pox	....	....	....	....	....	....	....	....	....
Measles	49	....	12	13	10	6	....	35	6
Scarlatina	9	16	2	1	2	....	1	6	....
Diphtheria	16	13	1	1	4	....	1	6	1
Croup	2	1	....	....	....	1	....	1	....
Whooping Cough	6	14	3	1	1	1	....	6	....
Typhoid Fever	15	11	....	....	....	....	....	....	....
Cerebro-Spinal Fever	2	1	....	1	....	....	....	1	....
Rem.Inter.Typ.-Mal, Cong.& S'ple Con. Fevs.	8	8	1	....	....	1	....	2	....
Puerperal Fever	2	1	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	14	16	9	4	1	....	....	12	2
Diarrhœal Diseases: Other Ages	1	5	....	....	....	....	....	....	....
Erysipelas	2	3	1	....	....	....	....	1	....
Pyæmia and Septicæmia	8	8	....	....	....	....	....	....	....
Syphilis	....	1	....	....	....	....	....	....	....
Alcoholism	5	1	....	....	....	....	....	....	....
Anthrax	....	....	....	....	....	....	....	....	....
Other Zymotic Diseases	1	2	1	....	....	....	....	1	....
Cancer and Malignant Tumor	34	23	....	....	....	1	....	....	1
Phthisis and Tuberculosis—Pulmonary	92	84	....	1	....	....	....	1	....
Marasmus—Tabes Mesenterica and Scrofula	13	23	11	1	....	1	....	12	1
Hydrocephalus, Tubercular Meningitis, etc	23	18	2	1	....	2	....	3	2
Rheumatism and Gout	5	7	....	....	1	....	....	1	....
Other Constitutional Diseases	5	6	....	....	....	....	....	....	....
Bronchitis	32	30	7	5	5	1	....	14	4
Pneumonia	123	109	27	17	7	8	2	49	12
Other Diseases Respiratory Organs	26	25	1	2	1	....	....	3	1
Diseases of Circulatory System	70	72	1	....	....	....	....	1	....
Meningitis and Encephalitis	21	18	7	2	....	....	1	10	....
Convulsions and Trismus	19	21	13	2	1	1	....	14	3
Heat Stroke	....	1	....	....	....	....	....	....	....
LaGrippe	4	....	....	....	....	....	....	....	....
Apoplexy	17	12	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	44	53	5	3	....	1	....	9	....
Cirrhosis of Liver and Hepatitis	13	11	....	....	....	....	....	....	....
Appendicitis	5	3	....	....	....	....	....	....	....
Enteritis,Gastro-Enteritis, Per'tis and Gas'tis	25	25	....	....	....	....	....	....	....
Bright's Disease and Nephritis	48	41	1	....	....	....	....	1	....
Other Diseases Urinary Organs	32	27	1	....	....	....	....	....	1
Diseases Generative Organs	1	6	....	....	....	....	....	....	....
Diseases Locomotory Organs	2	1	....	....	....	....	....	....	....
Diseases of the Integument	1	1	....	....	....	....	....	....	....
Other Local Diseases	19	11	1	....	....	....	....	1	....
Cyanosis	5	2	5	....	....	....	....	3	2
Inanition	19	20	19	....	....	....	....	15	4
Premature Birth	12	15	12	....	....	....	....	12	....
Puerperal Diseases (not incl.Puerperal Fever)	....	3	....	....	....	....	....	....	....
Senility	48	39	....	....	....	....	....	....	....
Other Developmental Diseases	35	28	28	1	....	....	....	27	2
Surgical Operations	3	2	....	....	....	....	....	....	....
Deaths by Suicide	17	12	....	....	....	....	....	....	....
Deaths by Homicide	8	5	....	....	....	....	....	....	....
Deaths by Accident	49	40	2	....	1	2	....	5	....
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	....	9	....	....	....	....	....	....	....

Of the 1,010 deaths reported during the month, 98 were non-residents; death

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TABLE NO. 14.—Continued.

on a population of 645.000, computed on census figures of 1900 (575,200) at the deaths than the previous month 52 certificates were issued for deaths occurring Percentage of deaths in eleemosynary and other institutions of a public char- mortality, 14.35. White population, 665.000; mortality rate per thousand, 16.33.

AGES BY YEARS.														Sex.		Social Relations		Color.		
5 to 10.	10 to 15.	15 to 20	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
44	16	37	48	50	53	43	57	59	57	55	54	51	92	603	407	437	573	885	125	1010
17	3	5	6	3	8	2	5	2	3	1	1	3	1	81	59	25	115	126	14	140
6	3	12	13	16	20	12	8	18	15	8	10	5	5	100	72	79	93	145	27	172
19	9	13	20	21	16	20	37	31	31	42	39	32	49	292	210	252	250	437	65	502
....	....	....	....	1	....	....	....	1	2	2	2	9	37	69	50	48	71	109	10	119
2	1	7	9	9	9	9	7	7	6	2	2	2	....	61	16	33	44	68	9	77
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6	....	....	....	....	....	....	1	....	1	....	....	....	....	32	17	1	48	43	6	49
3	....	....	....	....	....	....	....	....	....	....	....	....	....	4	5	....	9	9	....	9
6	2	....	....	....	....	....	....	....	....	1	....	....	....	12	4	....	16	15	1	16
1	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	1	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	4	....	6	6	....	6
....	....	5	2	1	4	1	....	....	....	....	1	1	....	8	7	5	10	15	....	15
1	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	2	1	1	2
....	....	....	1	1	2	....	1	....	....	....	....	1	....	3	5	4	4	6	2	8
....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	2	2	....	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	8	....	14	12	2	14
....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	1	....	1
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	2	1	1	1	1	2
....	1	....	1	....	1	....	2	2	....	....	....	1	....	4	4	7	1	7	1	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	1	1	1	1	....	1	....	....	....	....	5	....	3	2	5	....	5
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
1	1	....	....	....	2	1	....	7	6	4	7	1	3	19	15	26	8	33	1	34
3	....	9	11	14	16	9	8	10	4	3	1	2	1	57	35	38	54	71	21	92
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	8	....	13	12	1	13
1	1	2	1	2	2	1	....	1	3	1	2	1	....	11	12	11	12	20	3	23
1	....	....	....	....	....	1	....	....	1	....	....	1	....	5	....	2	3	5	....	5
....	1	1	1	....	....	....	....	....	1	....	....	1	....	3	2	2	3	4	1	5
....	....	....	1	3	....	....	....	....	2	....	2	2	4	16	16	11	21	27	5	32
7	3	3	4	5	4	6	7	6	5	4	4	2	2	74	49	29	94	103	20	123
2	....	2	1	1	2	....	3	2	2	3	1	2	1	18	8	10	16	24	2	26
3	....	3	2	4	1	2	6	6	8	7	9	1	12	37	33	54	16	63	7	70
3	3	1	1	....	....	....	....	....	....	2	....	2	....	16	11	4	17	21	....	21
1	1	....	....	....	....	....	....	....	....	....	....	....	....	13	6	....	19	16	3	19
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	1	....	1	1	....	....	1	....	3	1	....	4	3	1	4
....	....	....	....	....	1	....	2	2	2	3	1	2	4	12	5	15	2	17	....	17
....	....	1	2	1	2	3	2	2	1	6	2	7	6	27	17	29	15	39	5	44
....	....	....	....	....	....	1	3	1	4	....	2	....	2	9	4	10	3	12	1	13
2	....	....	1	....	1	1	....	....	....	....	....	....	....	4	1	3	2	5	....	5
2	....	2	4	3	....	2	2	4	2	2	1	....	1	10	15	16	9	23	2	25
1	....	....	1	1	3	1	6	6	2	4	11	5	6	28	20	30	18	38	10	48
....	1	1	2	1	....	2	2	1	1	8	3	1	8	21	11	22	10	27	5	32
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	1	1	....	....	1	1	2	....	2	....	2
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	1	2	2	1	3	....	1	2	2	2	2	9	10	17	2	15	4	19
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	2	....	5	3	2	5
....	....	....	....	....	....	....	....	....	....	....	....	....	....	11	8	....	19	15	4	19
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	8	....	12	12	....	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	1	2	....	9	36	28	20	45	3	48
....	....	....	....	1	....	....	....	1	2	1	....	....	1	23	12	3	32	33	2	35
....	....	....	....	....	2	....	....	....	....	1	....	....	....	....	3	3	....	3	....	3
....	....	3	2	3	1	4	3	1	....	....	....	....	....	12	5	6	11	15	2	17
....	1	1	1	2	1	1	....	1	....	....	....	....	....	8	....	3	5	7	1	8
2	....	3	6	4	5	4	4	5	6	1	2	2	....	41	8	21	28	43	6	49
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

rate per 1,000, exclusive of these, is 15.96.

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TABLE NO. 15.

SHOWING THE REPORTED MORTALITY FOR JUNE, 1903.

The annual death rate per 1,000 during the month was 16.8, this being based upon a 1 per cent annual increase. During the month there were 107 less deaths in the city limits; these are not included in the monthly statement. Ratio to total mortality, 23.92. Percentage of deaths in city institutions to total estimated population, 40,000; mortality rate per thousand, 37.2.

CAUSES OF DEATH.	Total deaths reported during June, 1903.	Total deaths reported during June, 1902.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Total under 5 years. Colored.
Total Deaths from all Causes	903	790	185	57	21	23	11	255	42
Total Zymotic Diseases	177	129	59	29	8	10	10	100	16
Total Constitutional Diseases	194	175	28	4	2	4	1	33	6
Total Local Diseases	359	319	38	22	11	9	....	66	14
Total Developmental Diseases	104	106	59	2	....	....	....	55	6
Total Deaths by Violence	67	59	1	....	....	....	....	1	....
Total Unknown	2	3	....	....	....	....	....	....	....
Small-pox	....	3	....	....	....	....	....	....	....
Measles	27	....	8	5	3	2	3	19	2
Scarlatina	11	6	....	1	....	4	2	7	....
Diphtheria	9	4	....	3	....	....	1	4	....
Croup	2	....	....	....	1	1	....	1	1
Whooping Cough	12	17	4	4	2	1	1	8	4
Typhoid Fever	16	7	....	1	....	....	....	1	....
Typhus Fever	....	....	....	....	....	....	....	....	....
Cerebro-Spinal Fever	5	....	....	....	....	....	1	1	....
Rem.Inter.Typ.-Mal, Cong.& S'ple Con. Fevs.	8	4	3	....	....	....	1	2	2
Puerperal Fever	4	1	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	63	64	44	15	2	1	1	56	7
Diarrhœal Diseases: Other Ages	4	6	....	....	....	....	....	....	....
Erysipelas	1	3	....	....	....	....	....	....	....
Pyæmia and Septicæmia	10	13	....	....	....	....	....	....	....
Syphilis	1	....	....	....	....	....	....	....	....
Alcoholism	3	1	....	....	....	....	....	....	....
Other Zymotic Diseases	1	....	....	....	....	1	....	1	....
Cancer and Malignant Tumor	34	26	....	....	....	1	1	2	....
Phthisis and Tuberculosis—Pulmonary	107	106	....	1	....	....	....	1	....
Marasmus—Tabes Mesenterica and Scrofula	35	26	27	2	1	2	....	26	2
Hydrocephalus, Tubercular Meningitis, etc.	11	7	....	....	1	1	....	2	....
Rheumatism and Gout	3	3	....	....	....	....	....	....	....
Other Constitutional Diseases	4	7	1	1	....	....	....	2	....
Bronchitis	29	14	9	5	1	3	....	11	7
Pneumonia	46	32	7	8	6	3	....	20	4
Other Diseases Respiratory Organs	16	15	....	....	2	2	....	4	....
Diseases of Circulatory System	59	46	1	....	....	....	....	1	....
Meningitis and Encephalitis	11	12	1	2	....	....	....	3	....
Convulsions and Trismus	19	28	14	5	....	....	....	18	1
Heat Stroke	....	3	....	....	....	....	....	....	....
LaGrippe	1	....	....	....	....	....	....	....	....
Apoplexy	15	13	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	37	38	4	1	2	1	....	6	2
Cirrhosis of Liver and Hepatitis	15	15	....	....	....	....	....	....	....
Appendicitis	6	3	....	....	....	....	....	....	....
Enteritis,Gastro-Enteritis, Per'tis and Gas'tis	18	22	2	....	....	....	....	2	....
Bright's Disease and Nephritis	44	42	....	1	....	....	....	1	....
Other Diseases Urinary Organs	31	19	....	....	....	....	....	....	....
Diseases Generative Organs	3	2	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	2	....	....	....	....	....	....	....
Diseases of the Integument	1	1	....	....	....	....	....	....	....
Other Local Diseases	8	12	....	....	....	....	....	....	....
Cyanosis	3	4	3	....	....	....	....	3	....
Inanition	16	22	16	....	....	....	....	13	3
Premature Birth	7	12	7	....	....	....	....	6	1
Puerperal Diseases (not incl.Puerperal Fever)	1	2	1	....	....	....	....	1	....
Senility	39	35	....	....	....	....	....	....	....
Other Developmental Diseases	38	31	32	2	....	....	....	32	2
Surgical Operations	3	5	....	....	....	....	....	....	....
Deaths by Suicide	19	16	....	....	....	....	....	....	....
Deaths by Homicide	4	9	....	....	....	....	....	....	....
Deaths by Accident	41	29	1	....	....	....	....	1	....
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	2	2	....	....	....	....	....	....	....

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TABLE No. 15.—Continued.

on a population of 645,000, computed on census figures of 1900 (575,200) at the rate than the previous month. 52 certificates were issued for deaths occurring Percentage of deaths in eleemosynary and other institutions of a public charmortality, 12.47. White population, 605,000; mortality rate per thousand, 15.45.

AGES BY YEARS.														Sex.		Social Relations		Color.		
5 to 10.	10 to 15	15 to 20	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
41	16	24	38	49	50	63	52	47	33	39	32	45	77	500	403	395	508	779	124	903
18	5	4	8	4	3	5	4	2	2	1	1	4	....	75	102	24	153	154	23	177
3	3	8	14	18	17	26	15	12	10	13	9	2	5	111	83	103	91	158	36	194
16	5	7	11	22	22	25	22	28	18	21	18	32	32	210	149	192	167	309	50	359
....	....	....	....	....	2	....	....	1	....	....	3	4	33	57	47	42	64	96	8	104
4	3	5	5	5	6	7	10	4	3	4	1	2	7	46	21	34	33	60	7	67
....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	1	....	2	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	1	1	....	....	....	....	....	....	....	....	....	....	12	15	....	27	25	2	27
4	....	....	....	....	....	....	....	....	....	....	....	....	....	1	10	....	11	11	....	11
3	2	....	....	....	....	....	....	....	....	....	....	....	....	4	5	....	9	9	....	9
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	1	1	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	6	....	12	8	4	12
3	2	2	2	1	2	1	1	....	....	....	....	1	....	10	6	5	11	14	2	16
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	....	....	....	....	....	....	1	....	....	....	....	....	....	5	....	....	5	5	....	5
1	....	1	1	....	....	....	....	....	....	....	....	1	....	2	6	2	6	4	4	8
....	....	....	1	....	....	2	1	....	....	....	....	....	....	....	4	4	....	4	....	4
....	....	....	....	....	....	....	....	....	....	....	....	....	....	27	36	....	63	56	7	63
....	1	....	....	....	....	....	....	....	1	....	1	1	....	....	4	3	1	4	....	4
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	1	....	....	1	1
....	....	....	3	3	....	1	....	2	....	1	....	....	....	2	8	6	4	8	2	10
....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	1	....	1	....	....	1	....	3	....	3	....	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	1	1	1	1	2	3	6	7	3	2	5	21	13	28	6	33	1	34
1	1	8	13	16	14	23	12	9	2	5	2	....	....	67	40	66	41	80	27	107
....	....	....	....	1	1	1	....	....	....	....	....	....	....	16	19	2	33	28	7	35
2	2	....	....	....	1	1	1	....	1	....	1	....	....	4	7	4	7	10	1	11
....	....	....	....	....	....	....	....	....	....	1	2	....	....	3	....	2	1	3	....	3
....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	4	1	3	4	....	4
1	....	....	....	....	....	....	1	3	1	....	....	2	3	15	14	9	20	20	9	29
2	....	2	1	2	2	3	4	....	2	1	....	2	1	26	20	11	35	39	7	46
....	....	....	....	....	1	1	....	3	1	1	....	3	2	13	3	7	9	12	4	16
1	1	1	1	5	5	8	2	8	2	4	7	6	7	34	25	40	19	52	7	59
3	1	....	1	1	....	....	1	1	....	....	....	....	....	5	6	2	9	11	....	11
....	....	....	....	....	....	....	....	....	....	....	....	....	....	12	7	....	19	18	1	19
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	1	....	1	1	1	1	3	1	3	2	9	6	12	3	13	2	15
1	....	....	1	....	1	4	2	3	5	3	1	5	3	20	17	23	14	33	4	37
....	....	....	1	1	3	....	3	1	1	....	3	1	1	9	6	9	6	15	....	15
1	2	1	....	2	....	....	....	....	....	....	....	....	....	5	1	1	5	6	....	6
....	....	1	3	2	3	2	2	....	1	....	....	1	1	4	14	12	6	17	1	18
3	....	....	4	4	4	4	7	1	4	3	3	6	6	32	12	30	14	35	9	44
3	1	....	3	2	1	1	1	....	3	3	2	6	5	21	10	27	4	28	3	31
....	....	1	....	1	1	....	....	....	....	....	....	....	....	....	3	3	....	2	1	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	1	....	1	1	1	1	1	....	1	1	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	3	4	4	6	2	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....	3	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	6	....	16	13	3	16
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	3	....	7	6	1	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	2	4	33	17	22	38	1	37	2	39
....	....	....	....	....	2	....	....	1	....	....	1	....	....	24	14	4	34	36	2	38
....	....	....	1	....	1	....	....	....	1	....	....	....	....	1	2	2	1	3	....	3
....	....	2	2	2	2	4	2	1	....	2	....	1	1	13	6	10	9	19	....	19
....	....	....	1	1	1	....	....	1	....	....	....	....	....	3	....	3	1	2	2	4
4	3	3	1	2	2	3	8	2	2	2	1	1	6	28	13	19	22	36	5	41
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	1	....	2	2	....	2

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TABLE NO. 15.

SHOWING THE REPORTED MORTALITY FOR JUNE, 1903.

The annual death rate per 1,000 during the month was 16.8, this being based of four per cent annual increase. During the month there were 107 less deaths outside the city limits; these are not included in the monthly statement. acter to total mortality, 23 92. Percentage of deaths in city institutions to total Colored population, 40,000; mortality rate per thousand, 37.2.

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			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years	
								White.	Colored.
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Total Constitutional Diseases	194	175	28	4	2	4	1	33	6
Total Local Diseases	359	319	38	22	11	9	....	66	14
Total Developmental Diseases	104	106	59	2	....	....	....	55	6
Total Deaths by Violence	67	59	1	....	....	....	....	1	....
Total Unknown	2	3	....	....	....	....	....	....	....
Small-pox	....	3	....	....	....	....	....	....	....
Measles	27	....	8	5	3	2	3	19	2
Scarlatina	11	6	....	1	....	4	2	7	....
Diphtheria	9	4	....	3	....	....	1	4	....
Croup	2	....	....	....	1	1	....	1	1
Whooping Cough	12	17	4	4	2	1	1	8	4
Typhoid Fever	16	7	....	1	....	....	....	1	....
Typhus Fever	....	....	....	....	....	....	....	....	....
Cerebro-Spinal Fever	5	....	....	....	....	....	1	1	....
Rem. Inter. Typ.-Mal, Cong. & S'pic Con. Fevs.	8	4	3	....	....	....	1	2	2
Puerperal Fever	4	1	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	63	64	44	15	2	1	1	56	7
Diarrhœal Diseases: Other Ages	4	6	....	....	....	....	....	....	....
Erysipelas	1	3	....	....	....	....	....	....	....
Pyæmia and Septicæmia	10	13	....	....	....	....	....	....	....
Syphilis	1	....	....	....	....	....	....	....	....
Alcoholism	3	1	....	....	....	....	....	....	....
Other Zymotic Diseases	1	....	....	....	....	1	....	1	....
Cancer and Malignant Tumor	34	26	....	....	....	1	1	2	....
Phthisis and Tuberculosis—Pulmonary	107	106	....	1	....	....	....	1	....
Marasmus—Tabes Mesenterica and Scrofula	35	26	27	2	1	2	....	26	2
Hydrocephalus, Tubercular Meningitis, etc.	11	7	....	....	1	1	....	2	....
Rheumatism and Gout	3	3	....	....	....	....	....	....	....
Other Constitutional Diseases	4	7	1	1	....	....	....	2	....
Bronchitis	29	14	2	5	1	3	....	11	7
Pneumonia	46	32	7	8	6	3	....	20	4
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Diseases of Circulatory System	59	46	1	....	....	....	....	1	....
Meningitis and Encephalitis	11	12	1	2	....	....	....	3	....
Convulsions and Trismus	19	28	14	5	....	....	....	18	1
Heat Stroke	....	3	....	....	....	....	....	....	....
LaGrippe	1	....	....	....	....	....	....	....	....
Apoplexy	15	13	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	37	38	4	1	2	1	....	6	2
Cirrhosis of Liver and Hepatitis	15	15	....	....	....	....	....	....	....
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Enteritis, Gastro-Enteritis, Per'tis and Gas'tis	18	22	2	....	....	....	....	2	....
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Diseases Generative Organs	3	2	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	2	....	....	....	....	....	....	....
Diseases of the Integument	1	1	....	....	....	....	....	....	....
Other Local Diseases	8	12	....	....	....	....	....	....	....
Cyanosis	3	4	3	....	....	....	....	3	....
Inanition	16	22	16	....	....	....	....	13	3
Premature Birth	7	12	7	....	....	....	....	6	1
Puerperal Diseases (not incl. Puerperal Fever)	1	2	1	....	....	....	....	1	....
Senility	39	35	....	....	....	....	....	....	....
Other Developmental Diseases	38	31	32	2	....	....	....	32	2
Surgical Operations	3	5	....	....	....	....	....	....	....
Deaths by Suicide	19	16	....	....	....	....	....	....	....
Deaths by Homicide	4	9	....	....	....	....	....	....	....
Deaths by Accident	41	29	1	....	....	....	....	1	....
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	2	2	....	....	....	....	....	....	....

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TABLE No. 15.—Continued.

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41	16	24	38	49	50	63	52	47	33	39	32	45	77	500	403	395	508	779	124	903
18	5	4	8	4	3	5	4	2	2	1	1	4	....	75	102	24	153	154	23	177
3	3	8	14	18	17	26	15	12	10	13	9	2	5	111	83	103	91	158	36	194
16	5	7	11	22	22	25	22	28	18	21	18	32	32	210	149	192	167	309	50	359
....	....	....	....	....	2	....	....	1	....	....	3	4	33	57	47	42	64	96	8	104
4	3	5	5	5	6	7	10	4	3	4	1	2	7	46	21	34	33	60	7	67
....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	1	....	2	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	....	1	1	....	....	....	....	....	....	....	....	....	....	12	15	....	27	25	2	27
4	....	....	....	....	....	....	....	....	....	....	....	....	....	1	10	....	11	11	....	11
3	2	....	....	....	....	....	....	....	....	....	....	....	....	4	5	....	9	9	....	9
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	1	1	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	6	....	12	8	4	12
3	2	2	2	1	2	1	1	....	....	....	....	1	....	10	6	5	11	14	2	16
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	....	....	....	....	....	....	1	....	....	....	....	....	....	5	....	....	5	5	....	5
1	....	1	1	....	....	....	....	....	....	....	....	1	....	2	6	2	6	4	4	8
....	....	....	1	....	....	2	1	....	....	....	....	....	....	....	4	4	....	4	....	4
....	1	....	....	....	....	....	....	....	1	....	1	1	....	27	36	....	63	56	7	63
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	1	....	....	1	1
....	....	....	3	3	....	1	....	2	....	1	....	....	....	2	8	6	4	8	2	10
....	....	....	....	....	....	1	....	....	1	....	....	1	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	1	....	....	....	....	....	....	3	....	3	....	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	1	1	1	1	2	3	6	7	3	2	5	21	13	28	6	33	1	34
1	1	8	13	16	14	23	12	9	2	5	2	....	....	67	40	66	41	80	27	107
....	....	....	....	1	1	1	....	....	....	....	....	....	....	16	19	2	33	28	7	35
2	2	....	....	....	1	1	1	....	1	....	1	....	....	4	7	4	7	10	1	11
....	....	....	....	....	....	....	....	....	....	1	2	....	....	3	....	2	1	3	....	3
....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	4	1	3	4	....	4
1	....	....	....	....	....	....	1	3	1	....	....	2	3	15	14	9	20	20	9	29
2	....	2	1	2	2	3	4	....	2	1	....	2	1	26	20	11	35	39	7	46
....	....	....	....	....	1	1	....	3	1	1	....	3	2	13	3	7	9	12	4	16
1	1	1	1	5	5	8	2	8	2	4	7	6	7	34	25	40	19	52	7	59
3	1	....	1	1	....	....	1	1	....	....	....	....	....	5	6	2	9	11	....	11
....	....	....	....	....	....	....	....	....	....	....	....	....	....	12	7	....	19	18	1	19
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	1	....	1	1	1	1	3	1	3	2	9	6	12	3	13	2	15
1	....	....	1	....	1	4	2	3	5	3	1	5	3	20	17	23	14	33	4	37
....	....	....	1	1	3	....	3	1	1	....	3	1	1	9	6	9	6	15	....	15
1	2	1	....	2	....	....	....	....	....	....	....	....	....	5	1	1	5	6	....	6
....	....	1	3	2	3	2	2	....	1	....	....	1	1	4	14	12	6	17	1	18
3	....	....	....	4	4	4	4	7	1	4	3	3	6	32	12	30	14	35	9	44
3	1	....	3	2	1	1	1	....	3	3	2	6	5	21	10	27	4	28	3	31
....	....	1	....	1	1	....	....	....	....	....	....	....	....	....	3	3	....	2	1	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	1	....	1	1	1	1	1	....	1	1	....	....	....	1	1	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	3	4	4	6	2	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....	3	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	6	....	16	13	3	16
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	3	....	7	6	1	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	2	....	....	1	....	....	2	4	33	17	22	38	1	37	2	39
....	....	....	1	....	1	....	....	....	1	....	1	....	....	24	14	4	34	36	2	38
....	....	2	2	2	2	4	2	1	....	2	....	1	1	1	2	2	1	3	....	3
....	....	....	1	1	1	....	....	1	....	....	....	....	....	13	6	10	9	19	....	19
4	3	3	1	2	2	3	8	2	2	2	1	1	6	28	13	19	22	36	5	41
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	3	1	2	2	4
....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	1	....	2	2	....	2

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TABLE No. 16.

TABLE SHOWING THE REPORTED MORTALITY FOR JULY, 1903.

The annual death rate per 1,000 during the month was 18.84, this being based of four per cent annual increase. During the month there were 218 more deaths outside the city limits; these are not included in the monthly statement. acter to total mortality, 25.17. Percentage of deaths in city institutions to total Colored population, 40.000; mortality rate per thousand, 36.

CAUSES OF DEATH.	Total deaths reported during July, 1903.	Total deaths reported during July, 1902.	AGES BY YEARS. Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years White.	Total under 5 years Colored.
Total Deaths from all Causes	1121	910	314	58	19	8	5	367	37
Total Zymotic Diseases	243	194	117	37	9	2	3	151	17
Total Constitutional Diseases	207	191	39	7	....	2	....	44	4
Total Local Diseases	446	338	75	12	9	4	2	89	13
Total Developmental Diseases	135	120	77	2	....	....	....	77	2
Total Deaths by Violence	89	65	5	....	1	....	....	5	1
Total Unknown	1	2	1	....	....	....	....	1	....
Small-pox	....	....	....	....	....	....	....	....	....
Measles	6	3	3	1	1	....	....	5	....
Scarlatina	6	9	....	1	....	2	....	3	....
Diphtheria	8	15	1	2	....	....	2	4	1
Croup	1	....	....	....	....	....	....	....	....
Whooping Cough	14	25	10	3	1	....	....	12	2
Typhoid Fever	27	....	....	1	....	....	....	1	....
Typhus Fever	....	....	....	....	....	....	....	....	....
Cerebro-Spinal Fever	1	14	....	....	....	....	1	1	....
Rem.Inter.Typ.-Mal, Cong.& S'ple Con. Fevs.	10	12	1	1	1	....	....	2	1
Puerperal Fever	3	....	....	....	....	....	....	....	....
Diarrhœal { Under 5 years	133	93	99	28	6	....	....	121	12
Diseases: { Other Ages	12	14	....	....	....	....	....	....	....
Erysipelas	....	2	....	....	....	....	....	....	....
Pyæmia and Septicæmia	12	4	1	....	....	....	....	1	....
Syphilis	3	1	2	....	....	....	....	1	1
Alcoholism	2	1	....	....	....	....	....	....	....
Other Zymotic Diseases	5	1	....	....	....	....	....	....	....
Cancer and Malignant Tumor	39	32	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	102	105	2	2	....	....	....	3	1
Marasmus—Tabes Mesenterica and Scrofula	40	30	33	4	....	....	....	35	2
Hydrocephalus, Tubercular Meningitis, etc.	15	18	3	1	....	2	....	5	1
Rheumatism and Gout	4	1	....	....	....	....	....	....	....
Other Constitutional Diseases	7	5	1	....	....	....	....	1	....
Bronchitis	18	6	9	2	....	1	....	8	4
Pneumonia	49	26	9	4	2	2	2	17	2
Other Diseases Respiratory Organs	13	20	2	....	1	....	....	2	....
Diseases of Circulatory System	69	59	....	....	1	....	....	1	....
Meningitis and Encephalitis	29	10	17	2	1	....	....	19	1
Convulsions and Trismus	28	27	22	2	3	....	....	27	....
Heat Stroke	9	3	2	1	....	....	....	3	....
LaGrippe	1	....	1	....	....	....	....	1	....
Apoplexy	10	14	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	61	40	10	....	1	....	....	9	2
Cirrhosis of Liver and Hepatitis	14	21	1	1	....	....	....	1	1
Appendicitis	12	4	....	....	....	....	....	....	....
Enteritis,Gastro-Enteritis, Per'tis and Gas'tis	58	35	....	....	....	....	....	....	....
Bright's Disease and Nephritis	47	40	....	....	....	....	....	....	....
Other Diseases Urinary Organs	15	16	....	....	....	1	....	....	1
Diseases Generative Organs	2	3	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	....	....	....	....	....	....	....	....
Diseases of the Integument	1	....	....	....	....	....	....	....	....
Other Local Diseases	10	14	2	....	....	....	....	1	1
Cyanosis	8	2	8	....	....	....	....	7	1
Inanition	32	18	32	....	....	....	....	32	....
Premature Birth	7	9	7	....	....	....	....	7	....
Puerperal Diseases (not incl.Puerperal Fever)	....	2	....	....	....	....	....	....	....
Senility	45	17	....	....	....	....	....	....	....
Other Developmental Diseases	43	42	30	2	....	....	....	31	1
Surgical Operations	4	3	....	....	....	....	....	....	....
Deaths by Suicide	15	15	....	....	....	....	....	....	....
Deaths by Homicide	6	5	....	....	....	....	....	....	....
Deaths by Accident	64	42	5	....	1	....	....	5	1
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	1	2	1	....	....	....	....	1	....

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TABLE No. 16.—Continued.

on a population of 645,000, computed on census figures of 1900 (575,200) at the rate than the previous month. 44 certificates were issued for deaths occurring Percentage of deaths in eleemosynary and other institutions of a public char- mortality, 14.37. White population, 605,000; mortality rate per thousand, 17.80.

AGES BY YEARS.														Sex.		Social Relations		Color.		
5 to 10.	10 to 15.	15 to 20	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
22	29	34	52	65	59	56	51	46	52	57	56	46	92	637	484	525	596	1001	120	1121
6	4	7	4	8	9	6	3	4	5	4	4	6	5	134	109	46	197	218	25	243
1	1	10	20	16	24	15	13	8	9	20	5	8	9	106	101	145	62	183	24	207
10	9	12	19	31	18	25	26	27	32	31	36	25	43	263	183	231	215	394	52	446
....	....	....	1	5	1	1	1	1	....	....	6	6	34	65	70	44	91	127	8	135
5	15	5	8	5	7	9	8	6	6	2	5	1	1	68	21	59	30	78	11	89
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	1	....	....	....	....	....	....	....	....	....	....	....	4	2	....	6	6	....	6
3	....	....	....	....	....	....	....	....	....	....	....	....	....	4	2	....	6	6	....	6
3	....	1	....	....	....	....	....	....	....	....	....	....	....	6	2	....	8	7	1	8
1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	4	....	14	12	2	14
....	4	4	2	2	6	....	1	3	3	1	....	....	....	13	14	16	11	25	2	27
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	1	....	1	1	....	1	1	1	1	....	5	5	5	5	9	1	10
....	....	....	1	1	....	1	....	....	....	....	....	....	....	....	3	2	1	3	....	3
....	....	....	....	....	....	....	....	....	....	....	....	....	....	75	58	....	133	121	12	133
....	....	....	....	1	....	....	....	....	....	1	3	3	4	4	8	10	2	10	2	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	1	1	2	....	2	1	....	1	....	....	2	1	4	8	9	3	10	2	12
....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	2	1	2	1	2	3
....	....	....	....	....	....	....	....	1	....	1	....	....	....	1	1	2	....	2	....	2
....	....	....	....	1	2	1	1	....	....	....	....	....	....	4	1	2	3	4	1	5
....	....	....	....	2	2	3	3	4	1	12	3	3	6	12	27	33	6	38	1	39
....	....	9	16	13	21	11	8	2	7	5	2	3	1	57	45	53	49	83	19	102
....	....	1	....	....	....	....	....	....	1	1	....	....	....	23	17	39	1	38	2	40
....	1	....	4	1	....	....	1	....	....	....	....	....	2	8	7	12	3	14	1	15
....	....	....	....	....	....	....	1	1	....	1	....	1	....	2	2	4	....	3	1	4
1	....	....	....	....	1	1	....	1	....	1	....	1	....	4	3	4	3	7	....	7
....	....	....	....	....	....	....	1	....	....	1	1	2	1	11	7	5	13	13	5	18
....	1	....	4	2	4	3	4	1	2	1	2	3	2	33	16	15	34	42	7	49
....	....	....	1	2	....	....	....	....	2	1	1	1	2	6	7	5	8	11	2	13
2	4	2	1	5	3	5	7	9	5	6	4	2	13	41	28	48	21	60	9	69
1	....	1	3	2	....	....	1	....	....	....	....	....	....	17	12	3	26	27	2	29
1	....	....	....	....	....	....	....	....	....	....	....	....	....	22	6	....	28	28	....	28
....	....	....	1	3	....	....	....	....	1	1	....	....	....	6	3	7	2	8	1	9
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	1	....	....	....	1	2	1	2	1	....	....	....	7	3	8	2	9	1	10
....	....	2	1	2	5	5	2	4	2	2	8	8	9	30	31	35	26	55	6	61
....	....	....	....	2	....	....	1	3	....	3	2	....	1	9	5	8	6	13	1	14
1	....	2	1	2	....	2	....	1	2	....	....	1	....	9	3	5	7	12	....	12
2	3	4	5	9	2	4	3	6	5	5	4	4	2	30	28	39	19	50	8	58
2	1	....	1	1	3	4	3	2	5	7	8	4	6	24	23	34	13	41	6	47
....	....	....	1	1	....	1	1	....	3	....	4	....	3	11	4	10	5	13	2	15
....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	2	1	1	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1	....	1	....	1
....	....	....	....	....	1	....	....	....	2	2	1	....	2	6	4	7	3	8	2	10
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	3	....	8	7	1	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	18	14	....	32	32	....	32
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	2	....	7	7	....	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	6	6	33	19	26	38	7	41	4	45
....	....	....	1	5	1	1	1	1	....	....	....	....	1	18	25	6	37	40	3	43
....	1	....	....	....	....	2	....	1	....	....	....	....	....	1	3	2	2	3	1	4
....	....	....	3	2	2	1	3	1	1	1	1	....	....	9	6	11	4	14	1	15
....	....	....	2	....	....	....	2	2	....	....	....	....	....	4	2	3	3	2	4	6
5	14	5	3	3	5	6	3	2	5	1	4	1	1	54	10	43	21	59	5	64
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1

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TABLE No. 17.

SHOWING THE REPORTED MORTALITY FOR AUGUST, 1903.

The annual death rate per 1,000 during the month was 15 47, this being based of four per cent annual increase. During the month there were 287 less deaths outside the city limits; these are not included in the monthly statement. acter to total mortality, 29.11. Percentage of deaths in city institutions to total Colored population, 40.000; mortality rate per thousand, 30.24.

CAUSES OF DEATH.	Total deaths reported during Aug., 1903.	Total deaths reported during Aug., 1902.	AGES BY YEARS. Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years. White.	Total under 5 years. Colored.
Total Deaths from all Causes	832	819	182	37	11	9	7	214	32
Total Zymotic Diseases	158	147	61	18	5	3	4	89	2
Total Constitutional Diseases	170	170	33	7	2	3	1	38	8
Total Local Diseases	319	309	35	11	2	3	....	37	14
Total Developmental Diseases	102	121	52	1	....	....	....	45	8
Total Deaths by Violence	81	70	1	....	2	....	2	5	....
Total Unknown	2	2	....	....	....	....	....	....	....
Small-pox	....	....	....	....	....	....	....	....	....
Measles	2	....	1	....	....	1	....	2	....
Scarlatina	5	7	....	....	....	1	1	2	....
Diphtheria	4	8	....	....	....	....	2	2	....
Croup	....	1	....	....	....	....	....	....	....
Whooping Cough	12	14	9	1	1	1	....	12	....
Typhoid Fever	37	26	....	....	....	....	1	1	....
Typhus Fever	....	....	....	....	....	....	....	....	....
Cerebro-Spinal Fever	....	2	....	....	....	....	....	....	....
Rem.Inter.Typ.-Mal, Cong.& S'ple Con. Fevs.	10	7	1	....	1	....	....	2	....
Puerperal Fever	2	....	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	64	64	47	15	2	....	....	63	1
Diseases: Other Ages	5	7	....	1	....	....	....	1	....
Erysipelas	2	1	1	....	....	....	....	1	....
Pyæmia and Septicæmia	7	8	....	1	....	....	....	1	....
Syphilis	....	1	....	....	....	....	....	....	....
Alcoholism	4	....	....	....	....	....	....	....	....
Other Zymotic Diseases	4	1	2	....	1	....	....	2	1
Cancer and Malignant Tumor	32	24	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	75	84	....	....	1	....	....	1	....
Marasmus—Tabes Mesenterica and Scrofula	44	43	31	7	1	1	1	35	6
Hydrocephalus, Tubercular Meningitis, etc	9	15	2	....	....	....	....	1	1
Rheumatism and Gout	4	1	....	....	....	....	....	....	....
Other Constitutional Diseases	6	3	....	....	....	2	....	1	1
Bronchitis	17	20	2	2	....	1	....	3	2
Pneumonia	29	30	4	3	1	1	....	3	2
Other Diseases Respiratory Organs	16	12	3	1	....	1	....	4	1
Diseases of Circulatory System	57	59	....	....	....	....	....	....	....
Meningitis and Encephalitis	8	5	4	2	....	....	....	3	3
Convulsions and Trismus	17	15	15	2	....	....	....	13	4
Heat Stroke	2	2	....	....	....	....	....	....	....
LaGrippe	1	....	....	....	....	....	....	....	....
Apoplexy	16	11	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	37	48	3	1	1	....	....	3	2
Cirrhosis of Liver and Hepatitis	6	15	....	....	....	....	....	....	....
Appendicitis	2	1	....	....	....	....	....	....	....
Enteritis,Gastro-Enteritis, Per'tis and Gas'tis	60	30	....	....	....	....	....	....	....
Bright's Disease and Nephritis	33	32	....	....	....	....	....	....	....
Other Diseases Urinary Organs	9	19	....	....	....	....	....	....	....
Diseases Generative Organs	3	1	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	2	....	....	....	....	....	....	....
Diseases of the Integument	2	....	....	....	....	....	....	....	....
Other Local Diseases	13	7	4	....	....	....	....	4	....
Cyanosis	2	2	2	....	....	....	....	2	....
Inanition	22	16	22	....	....	....	....	17	5
Premature Birth	9	4	9	....	....	....	....	8	1
Puerperal Diseases (not incl.Puerperal Fever)	1	2	....	....	....	....	....	....	....
Senility	44	51	....	....	....	....	....	....	....
Other Developmental Diseases	24	46	19	1	....	....	....	18	2
Surgical Operations	2	6	....	....	....	....	....	....	....
Deaths by Suicide	26	23	....	....	....	....	....	....	....
Deaths by Homicide	9	8	....	....	....	....	....	....	....
Deaths by Accident	44	31	1	....	2	....	2	5	....
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	2	4	....	....	....	....	....	....	....

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TABLE No. 17.—Continued.

on a population of 645,000, computed on census figures of 1900 (575,200) at the rate than the previous month. 60 certificates were issued for deaths occurring Percentage of deaths in eleemosynary and other institutions of a public char- mortality, 14.52. White population, 605,000; mortality rate per thousand, 14.34.

AGES BY YEARS.														Sex.		Social Relations		Color.		
5 to 10.	10 to 15	15 to 20	20 to 25.	25 to 30	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
15	17	17	51	48	44	57	48	36	29	37	32	42	99	463	369	390	432	724	108	832
4	3	2	14	8	9	9	6	3	3	1	2	1	2	84	74	34	124	149	9	158
3	3	6	16	15	7	11	12	12	9	11	6	11	2	84	86	79	91	142	28	170
6	6	3	11	14	21	14	27	18	23	19	18	23	55	177	142	187	132	265	54	319
...	...	...	...	1	2	1	...	1	...	...	3	2	39	49	43	50	52	93	9	102
2	4	6	10	10	5	12	3	5	4	6	3	5	1	67	14	40	41	73	8	81
...	...	1	...	...	...	...	...	1	...	...	...	...	...	2	...	...	2	2	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	2	2	...	2
3	...	...	...	...	...	...	...	...	...	...	...	...	...	2	3	...	5	5	...	5
...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	3	1	3	3	1	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	6	...	12	12	...	12
1	3	2	10	3	5	5	4	2	...	...	1	...	...	20	17	18	19	34	3	37
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	2	2	1	2	...	...	...	...	...	...	1	4	6	4	6	9	1	10
...	...	...	...	...	2	...	...	...	...	...	...	...	...	1	1	2	...	2	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	34	30	...	64	63	1	64
...	...	...	...	...	...	1	...	...	1	...	1	...	1	3	2	4	1	4	1	5
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2	...	2	2	...	2
...	...	...	1	1	1	1	1	...	...	...	...	1	...	5	2	4	3	6	1	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	1	...	...	1	1	1	...	...	...	...	4	...	...	4	4	...	4
...	...	...	...	...	...	...	...	...	1	...	...	...	...	2	2	1	3	3	1	4
1	...	...	1	...	1	2	2	1	6	4	4	8	2	11	21	28	4	31	1	32
...	2	5	15	15	4	7	6	8	2	6	2	2	...	40	35	38	37	62	13	75
...	...	...	...	...	...	...	...	...	...	1	...	1	...	24	20	2	42	36	8	44
1	...	...	...	...	...	...	...	...	...	...	...	...	...	4	5	5	4	5	4	9
1	...	1	...	...	...	1	3	...	1	...	...	...	...	4	...	2	2	3	1	4
...	1	...	...	...	1	...	1	1	...	...	...	...	...	1	5	4	2	5	1	6
...	...	...	...	2	...	...	...	...	1	2	1	2	4	11	6	10	7	13	4	17
...	1	...	...	1	...	...	2	...	1	1	...	1	4	12	8	8	12	15	5	20
...	...	1	...	...	1	5	...	...	1	1	2	2	1	9	7	8	8	11	5	16
...	3	2	...	2	5	7	6	4	5	4	4	4	11	29	28	41	16	47	10	57
...	...	...	...	...	...	...	2	...	...	...	...	...	...	7	1	1	7	5	3	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	5	...	17	13	4	17
...	...	...	...	1	...	1	...	...	...	...	...	...	...	2	...	1	1	2	...	2
...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1	...	1
...	...	...	1	...	...	...	...	1	3	3	4	...	4	9	7	10	6	15	1	16
...	...	...	...	1	4	5	4	1	4	2	...	4	7	19	18	28	9	31	6	37
...	...	...	...	...	...	...	...	2	2	...	...	...	2	4	2	4	2	5	1	6
...	...	...	1	...	...	...	...	...	...	...	...	...	1	2	...	1	1	2	...	2
5	2	...	7	4	8	6	5	6	1	3	4	1	8	24	36	30	30	51	9	60
...	...	1	...	1	2	2	3	1	2	1	2	7	11	16	17	27	6	31	2	33
...	...	...	...	...	2	...	1	1	1	1	...	1	2	8	1	6	3	7	2	9
...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	3	2	1	2	1	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	1	...	...	...	1	...	...	2	...	2	...	2	...	2
1	...	...	...	...	...	1	1	2	2	1	...	1	...	10	3	8	5	12	1	13
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	2	2	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	8	...	22	17	5	22
...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	1	...	9	8	1	9
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1	...	1	...	1
...	...	...	...	...	...	...	...	...	...	...	3	2	39	16	28	41	3	43	1	44
...	...	...	...	1	1	1	...	1	...	...	...	...	...	9	15	6	18	22	2	24
...	...	...	1	1	...	...	...	...	1	...	...	...	...	1	1	1	1	1	1	2
...	...	2	3	4	1	3	1	1	2	3	1	5	...	19	7	21	5	26	...	26
...	...	1	2	4	...	1	...	1	...	...	...	...	...	8	1	1	8	6	3	9
2	4	3	4	1	4	8	2	3	2	3	2	...	1	38	6	17	27	40	4	44
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	...	...	...	...	...	...	1	...	...	...	...	...	2	...	...	2	2	...	2

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TABLE No. 18.

SHOWING THE REPORTED MORTALITY FOR SEPTEMBER, 1903

The annual death rate per 1,000 during the month was 11.70, this being based of four per cent annual increase. During the month there were 73 less deaths outside the city limits; these are not included in the monthly statement. acter to total mortality, 2.33. Percentage of deaths in city institutions to total Colored population, 40,000; mortality rate per thousand, 24.50.

CAUSES OF DEATH.	Total deaths reported during Sept., 1903.	Total deaths reported during Sept., 1902	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years	
								White.	Colored.
Total Deaths from all Causes	779	730	125	18	7	1	7	139	19
Total Zymotic Diseases	126	114	28	5	4	1	3	37	4
Total Constitutional Diseases	159	170	30	1	....	....	1	28	3
Total Local Diseases	339	300	29	11	2	....	2	33	11
Total Developmental Diseases	69	80	38	....	....	....	....	37	1
Total Deaths by Violence	74	54	....	1	1	....	1	3	....
Total Unknown	1	3	....	....	....	....	....	....	....
Small-pox	....	....	....	....	....	....	....	....	....
Measles	1	....	....	1	....	....	....	1	....
Scarlatina	4	6	....	....	1	....	3	4	....
Diphtheria	4	11	....	....	....	1	....	1	....
Croup	1	1	....	1	....	....	....	1	....
Whooping Cough	5	3	3	2	....	....	....	4	1
Typhoid Fever	42	21	....	....	....	....	....	....	....
Typhus Fever	....	....	....	....	....	....	....	....	....
Cerebro-Spinal Fever	....	2	....	....	....	....	....	....	....
Rem.Inter.Typ.-Mal, Cong.& S'ple Con. Fevs.	17	16	....	....	1	....	....	1	....
Puerperal Fever	3	....	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	27	30	25	1	1	....	....	25	2
Diarrhœal Diseases: Other Ages	9	6	....	....	....	....	....	....	....
Erysipelas	....	1	....	....	....	....	....	....	....
Pyæmia and Septicæmia	7	8	....	....	....	....	....	....	....
Syphilis	2	1	....	....	....	....	....	....	....
Alcoholism	3	5	....	....	....	....	....	....	....
Other Zymotic Diseases	1	2	....	....	1	....	....	....	1
Cancer and Malignant Tumor	31	36	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	83	73	1	....	....	....	....	1	....
Marasmus—Tabes Mesenterica and Scrofula	32	33	27	1	....	....	1	27	2
Hydrocephalus, Tubercular Meningitis, etc	5	21	2	....	....	....	....	1	1
Rheumatism and Gout	1	4	....	....	....	....	....	....	....
Other Constitutional Diseases	7	3	....	....	....	....	....	....	....
Bronchitis	11	9	3	....	....	....	....	3	....
Pneumonia	30	36	5	3	....	....	....	4	4
Other Diseases Respiratory Organs	24	17	4	1	1	....	1	6	1
Diseases of Circulatory System	61	54	1	....	....	....	....	1	....
Meningitis and Encephalitis	11	3	5	....	....	....	....	5	....
Convulsions and Trismus,	14	14	9	4	....	....	1	10	4
Heat Stroke	1	....	....	....	....	....	....	....	....
LaGrippe	....	....	....	....	....	....	....	....	....
Apoplexy	8	20	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	53	39	....	2	1	....	....	3	....
Cirrhosis of Liver and Hepatitis	11	16	....	....	....	....	....	....	....
Appendicitis	3	2	....	....	....	....	....	....	....
Enteritis,Gastro-Enteritis, Per'tis and Gas'tis	30	25	....	....	....	....	....	....	....
Bright's Disease and Nephritis	44	38	....	1	....	....	....	....	1
Other Diseases Urinary Organs	16	20	....	....	....	....	....	....	....
Diseases Generative Organs	4	3	....	....	....	....	....	....	....
Diseases Locomotory Organs	1	1	....	....	....	....	....	....	....
Diseases of the Integument	1	1	1	....	....	....	....	1	....
Other Local Diseases	7	11	1	....	....	....	....	....	1
Cyanosis	2	2	2	....	....	....	....	2	....
Inanition	12	13	12	....	....	....	....	12	....
Premature Birth	7	5	7	....	....	....	....	7	....
Puerperal Diseases (not incl.PuerperalFever)	1	....	....	....	....	....	....	....	....
Senility	24	34	....	....	....	....	....	....	....
Other Developmental Diseases	23	28	17	....	....	....	....	16	1
Surgical Operations	5	4	1	....	....	....	....	1	....
Deaths by Suicide	14	13	....	....	....	....	....	....	....
Deaths by Homicide	9	6	....	....	....	....	....	....	....
Deaths by Accident	46	31	....	1	1	....	1	3	....
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	1	3	....	....	....	....	....	....	....

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TABLE No. 18.—Continued.

on a population of 645,000, computed on census figures of 1900 (575,200) at the rate than the previous month 51 certificates were issued for deaths occurring Percentage of deaths in eleemosynary and other institutions of a public char- mortality, 30.69 White population, 605,000; mortality rate per thousand, 10 78.

AGES BY YEARS.														Sex.		Social Relations		Color.		
5 to 10.	10 to 15.	15 to 20	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
18	18	31	35	61	51	53	49	41	44	37	44	34	85	450	309	380	379	661	98	759
5	1	17	9	15	8	6	5	4	4	4	3	2	1	68	57	37	89	112	14	126
2	...	8	11	16	17	14	14	11	6	7	7	8	6	87	72	79	80	153	26	150
6	9	4	9	23	17	21	26	19	28	24	27	20	53	202	128	194	136	281	49	330
...	...	...	1	...	1	1	...	1	...	...	2	4	21	33	36	27	42	67	2	69
5	8	2	5	7	8	10	4	6	6	2	5	...	3	59	15	42	32	67	7	74
...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	1	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	4	4	...	4
2	1	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	4	4	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	3	...	5	4	1	5
1	...	10	7	9	6	5	2	1	...	1	...	...	...	20	22	16	26	40	2	42
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	4	...	2	...	1	1	...	2	2	2	1	...	9	8	7	10	14	3	17
...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	3	3	...	2	1	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	9	...	27	25	2	27
...	...	...	...	1	...	...	1	...	2	1	1	1	1	5	4	6	3	7	2	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	2	1	1	...	...	1	1	...	...	...	...	...	6	1	2	5	7	...	7
...	...	1	...	...	...	...	...	1	...	...	...	...	...	1	1	2	...	...	2	2
...	...	...	...	...	2	...	...	1	...	...	...	...	...	2	1	1	2	3	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	1
...	...	...	...	2	2	2	4	1	2	3	4	6	5	14	17	27	4	29	2	31
...	...	6	10	13	14	11	10	8	3	4	2	1	...	42	41	41	42	62	21	83
...	...	...	...	...	1	...	...	1	...	...	...	...	1	22	10	3	29	30	2	32
...	...	2	...	1	...	...	...	...	...	...	...	...	...	3	2	2	3	4	1	5
...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1	...	1	...	1
2	...	...	1	...	...	1	...	...	1	...	1	1	...	5	2	5	2	7	...	7
...	...	...	1	...	...	...	...	...	2	...	2	1	2	5	6	7	4	9	2	11
...	...	1	...	5	1	3	2	2	1	2	...	3	2	17	13	15	15	21	9	30
...	...	1	...	1	1	1	1	...	1	1	5	3	2	11	13	13	11	22	2	24
1	2	1	2	5	6	1	7	4	4	6	7	5	9	33	28	38	23	54	7	61
...	...	...	...	2	...	2	1	...	1	...	...	...	...	9	2	4	7	11	...	11
...	...	...	...	...	...	1	...	...	...	...	...	...	...	7	7	...	14	10	4	14
...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...	1	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	1	...	...	...	1	...	1	...	...	1	4	7	1	5	3	8	...	8
...	3	...	1	1	3	4	...	2	5	5	4	3	19	33	20	40	13	47	6	53
...	...	...	...	3	...	2	2	1	1	...	1	1	...	11	...	5	6	9	2	11
1	1	...	...	1	...	...	...	...	...	...	...	...	...	1	2	...	3	3	...	3
4	2	1	1	2	1	3	3	...	5	2	1	1	4	19	11	18	12	27	3	30
...	...	...	1	2	4	3	2	6	5	7	5	1	7	31	13	30	14	35	9	44
...	...	...	1	...	1	1	4	3	1	...	2	...	3	11	5	11	5	14	2	16
...	1	...	...	1	...	...	1	...	1	...	...	...	...	...	4	1	3	4	...	4
...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	...	1
...	...	...	1	...	...	...	2	1	...	...	...	1	1	5	2	4	3	5	2	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	2	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	7	...	12	12	...	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	5	...	7	7	...	7
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	...	1
...	...	...	...	...	...	...	...	...	...	...	2	1	21	11	13	22	2	23	1	24
...	...	...	...	...	1	1	...	1	...	...	...	3	...	15	8	4	19	22	1	23
1	...	...	1	...	...	...	...	...	3	...	...	...	1	1	4	4	1	5	...	5
...	...	...	2	4	2	3	...	2	...	...	...	...	1	13	1	8	6	14	...	14
...	...	2	2	1	1	1	1	...	1	...	...	...	...	7	2	3	6	5	4	9
4	8	...	...	2	5	5	3	4	4	2	5	...	1	38	8	27	19	43	3	46
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	1	...	1

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TABLE No. 19.

SHOWING THE REPORTED MORTALITY FOR OCTOBER, 1903.

The annual death rate per 1,000 during the month was 12.66, this being based of four per cent annual increase. During the month there were 58 more deaths outside the city limits; these are not included in the monthly statement. acter to total mortality, 27 90. Percentage of deaths in city institutions to total Colored population, 40,000; mortality rate per thousand, 20.05.

CAUSES OF DEATH.	Total deaths reported during Oct., 1903.	Total deaths reported during Oct., 1902.	AGES BY YEARS. Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years White.	Total under 5 years Colored.
Total Deaths from all Causes	817	765	140	20	8	7	4	160	19
Total Zymotic Diseases	112	133	17	7	5	4	2	31	4
Total Constitutional Diseases	151	169	25	....	1	1	....	26	1
Total Local Diseases	297	302	57	12	2	1	1	64	9
Total Developmental Diseases	87	101	41	....	....	....	....	36	5
Total Deaths by Violence	68	58	....	1	....	1	1	3	....
Total Unknown	2	2	....	....	....	....	....	....	....
Small-pox	....	....	....	....	....	....	....	....	....
Measles	....	....	....	....	....	....	....	....	....
Scarlatina	8	11	....	....	....	....	1	1	....
Diphtheria	11	20	....	....	3	1	1	5	....
Croup	5	4	....	1	....	1	....	1	1
Whooping Cough	6	3	2	2	....	....	....	2	2
Typhoid Fever	29	32	....	....	....	....	....	....	....
Typhus Fever	....	....	....	....	....	....	....	....	....
Cerebro-Spinal Fever	1	2	....	1	....	....	....	1	....
Rem.Inter.Typ.-Mal, Cong.& S'ple Con. Fevs.	17	17	....	....	1	1	....	2	....
Puerperal Fever	2	2	....	....	....	....	....	....	....
Diarrhœal Diseases: Under 5 years	17	25	12	3	1	....	....	15	2
Diarrhœal Diseases: Other Ages	3	8	....	....	....	....	....	....	....
Erysipelas	1	3	....	....	....	....	....	....	....
Pyæmia and Septicæmia	3	2	....	....	....	....	....	....	....
Syphilis	4	....	3	....	....	....	....	3	....
Alcoholism	3	4	....	....	....	....	....	....	....
Other Zymotic Diseases	2	....	....	....	....	....	....	....	....
Cancer and Malignant Tumor	34	39	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	71	86	3	....	....	....	....	2	1
Marasmus—Tabes Mesenterica and Scrofula	29	30	21	....	1	....	....	22	....
Hydrocephalus, Tubercular Meningitis, etc	5	11	....	....	....	1	....	1	....
Rheumatism and Gout	3	2	....	....	....	....	....	....	....
Other Constitutional Diseases	9	1	1	....	....	....	....	1	....
Bronchitis	33	17	12	2	1	....	1	13	3
Pneumonia	40	38	10	4	1	1	....	12	4
Other Diseases Respiratory Organs	27	25	5	....	....	....	....	5	....
Diseases of Circulatory System	59	53	1	2	....	....	....	3	....
Meningitis and Encephalitis	12	5	7	1	....	....	....	7	1
Convulsions and Trismus	15	14	13	2	....	....	....	15	....
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	....	3	....	....	....	....	....	....	....
Apoplexy	20	15	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	53	38	3	....	....	....	....	3	....
Cirrhosis of Liver and Hepatitis	14	22	....	....	....	....	....	....	....
Appendicitis	7	2	1	....	....	....	....	1	....
Enteritis,Gastro-Enteritis, Per'tis and Gas'tis	19	18	....	....	....	....	....	....	....
Bright's Disease and Nephritis	40	38	2	1	....	....	....	2	1
Other Diseases Urinary Organs	12	10	1	....	....	....	....	1	....
Diseases Generative Organs	2	....	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	....	....	....	....	....	....	....	....
Diseases of the Integument	1	....	....	....	....	....	....	....	....
Other Local Diseases	16	4	2	....	....	....	....	2	....
Cyanosis	5	6	5	....	....	....	....	5	....
Inanition	18	9	18	....	....	....	....	15	3
Premature Birth	10	12	10	....	....	....	....	9	1
Puerperal Diseases (not incl.Puerperal Fever)	....	3	....	....	....	....	....	....	....
Senility	37	44	....	....	....	....	....	....	....
Other Developmental Diseases	17	28	8	....	....	....	....	7	1
Surgical Operations	4	2	1	....	....	....	....	1	....
Deaths by Suicide	14	12	....	....	....	....	....	....	....
Deaths by Homicide	5	9	....	....	....	....	....	....	....
Deaths by Accident	15	35	....	....	....	1	1	2	....
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	2	2	....	....	....	....	....	....	....

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TABLE No. 19.—Continued.

on a population of 645,000, computed on census figures of 1900 (575,200) at the rate than the previous month. 56 certificates were issued for deaths occurring Percentage of deaths in eleemosynary and other institutions of a public char- mortality, 15.55 White population, 605,000; mortality rate per thousand, 12.15.

AGES BY YEARS.														Sex.		Social Relations		Color.		
5 to 10.	10 to 15	15 to 20	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
23	17	37	36	43	57	59	41	47	49	41	41	49	6	466	351	405	412	735	82	817
14	10	10	6	10	6	1	5	6	3	2	2	2	....	67	45	28	84	100	12	112
1	3	3	9	13	16	16	7	13	10	8	10	11	4	79	72	79	72	133	18	151
7	3	15	12	13	23	30	23	23	34	26	32	32	51	225	172	221	176	358	39	397
1	....	....	1	....	....	2	1	....	1	2	5	4	29	38	49	43	44	80	7	87
....	1	9	8	7	11	11	5	5	1	3	2	....	2	55	13	34	34	62	6	68
....	....	....	....	....	1	1	....	....	....	....	....	....	....	2	....	....	2	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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3	2	2	....	....	....	....	....	....	....	....	....	....	....	4	4	....	8	8	....	8
5	1	....	....	....	....	....	....	....	....	....	....	....	....	5	6	....	11	11	....	11
....	3	....	....	....	....	....	....	....	....	....	....	....	....	4	1	4	1	4	1	5
2	....	....	....	....	....	....	....	....	....	....	....	....	....	4	2	....	6	3	3	6
3	3	6	1	6	3	....	2	2	1	1	1	....	....	18	11	14	15	26	3	29
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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1	1	2	4	1	2	....	1	3	....	....	....	....	....	11	6	2	15	14	3	17
....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	2	2	....	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	7	....	17	15	2	17
....	....	....	....	....	....	....	1	....	1	....	....	1	....	2	1	1	2	3	....	3
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	....	1	....	1
....	....	....	....	1	1	....	....	....	....	1	....	....	....	1	2	2	1	3	....	3
....	....	....	....	....	....	....	....	....	1	....	....	....	....	2	2	....	4	4	....	4
....	....	....	....	....	....	....	1	....	....	....	1	1	....	3	....	1	2	3	....	3
....	....	....	1	....	....	1	....	....	....	....	....	....	....	2	....	1	1	2	....	2
....	1	1	....	....	1	....	....	6	6	6	3	7	3	10	24	30	4	33	1	34
1	1	2	8	10	14	14	5	4	3	1	2	3	....	45	26	34	37	56	15	71
....	....	....	....	1	....	2	....	1	....	....	2	....	1	15	14	5	24	28	1	29
....	....	....	1	2	1	....	....	....	....	....	....	....	....	3	2	3	2	4	1	5
....	....	....	....	....	....	....	2	....	....	....	1	....	....	3	....	2	1	3	....	3
....	1	....	....	....	....	....	....	2	1	1	2	1	....	3	6	5	4	9	....	9
....	....	....	1	1	1	....	....	2	....	1	....	1	10	6	27	14	19	29	4	33
1	....	....	4	3	2	4	....	3	1	....	1	2	3	25	15	13	27	34	6	40
....	....	2	1	....	....	2	1	1	1	1	2	5	6	15	12	15	12	23	4	27
2	....	4	2	3	7	10	8	1	6	2	5	8	9	44	26	41	29	62	8	70
....	....	....	1	....	....	2	1	....	....	....	....	....	....	7	5	3	9	11	1	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	10	....	15	15	....	15
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....	....	1	....	....	....	....	1	....	2	3	4	4	5	10	10	19	1	20	....	20
....	....	3	....	1	3	6	7	5	7	2	8	2	6	33	20	34	19	48	5	53
....	....	....	....	....	1	....	1	2	5	2	2	....	1	12	2	12	2	13	1	14
1	....	1	....	1	1	1	....	1	....	....	....	....	....	5	2	2	5	7	....	7
....	3	1	2	1	2	2	1	3	1	1	2	....	....	8	11	12	7	18	1	19
1	....	2	....	....	5	....	....	1	7	8	3	6	4	27	13	24	16	34	6	40
1	....	1	....	1	....	2	2	2	2	4	5	1	6	16	12	19	9	27	1	28
1	....	....	....	....	....	....	....	1	....	....	....	....	....	1	1	1	1	2	....	2
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....	....	....	1	2	1	1	1	1	2	2	....	2	1	10	6	11	5	14	2	16
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	....	....	5	5	....	5
....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	12	3	15	15	3	18
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	5	....	10	9	1	10
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	4	4	29	15	22	33	4	35	2	37
1	....	....	1	....	....	2	1	....	1	2	1	....	....	7	10	7	10	16	1	17
....	....	....	....	2	1	....	....	....	....	....	....	....	....	3	1	3	1	2	2	4
....	....	1	3	2	1	1	3	1	....	1	1	....	....	8	6	9	5	14	....	14
....	....	....	1	....	2	2	....	....	....	....	....	....	....	5	....	2	3	3	2	5
....	1	8	4	3	7	8	2	4	1	2	1	....	2	39	6	20	25	43	2	45
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	1	1	....	....	....	....	....	....	....	2	....	....	2	2	....	2

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TABLE No. 20.

SHOWING THE REPORTED MORTALITY FOR NOVEMBER, 1903.

The annual death rate per 1,000 during the month was 15.48, this being based on four per cent annual increase. During the month there were 5 more deaths outside the city limits; these are not included in the monthly statement. acter to total mortality, 27.50 Percentage of deaths in city institutions to total Colored population, 40.000; mortality rate per thousand, 24.10.

CAUSES OF DEATH.	Total deaths reported during Nov., 1903.	Total deaths reported during Nov., 1902.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years	
								White.	Colored.
Total Deaths from all Causes	822	817	120	20	13	5	2	142	18
Total Zymotic Diseases	84	112	15	4	3	2	2	24	2
Total Constitutional Diseases	180	151	23	3	1	....	....	27	....
Total Local Diseases	409	397	35	12	8	3	....	45	3
Total Developmental Diseases	92	87	45	1	....	....	....	43	3
Total Deaths by Violence	57	68	2	....	1	....	....	3	....
Small-pox	....	....	....	....	....	....	....	....	....
Measles	....	....	....	....	....	....	....	....	....
Scarlatina	9	8	1	1	....	....	1	3	....
Diphtheria	10	11	....	2	1	1	....	4	....
Croup	2	5	2	....	....	....	....	2	....
Whooping Cough	1	6	....	....	....	1	....	1	....
Typhoid Fever	24	29	....	....	....	....	....	....	....
Typhus Fever	....	....	....	....	....	....	....	....	....
Cerebro-Spinal Fever	3	1	2	....	1	....	....	2	....
Rem.Inter.Typ.-Mal, Cong.& S'pic Con. Fevs.	3	17	....	....	....	....	....	....	....
Puerperal Fever	4	2	....	....	....	....	....	....	....
Diarrhœal { Under 5 years.	10	17	8	....	1	....	1	8	2
Diseases: { Other Ages	2	3	....	....	....	....	....	....	....
Erysipelas	3	1	....	....	....	....	....	....	....
Pyæmia and Septicæmia	7	3	....	....	....	....	....	....	....
Syphilis	3	4	3	....	....	....	....	3	....
Alcoholism	2	3	....	....	....	....	....	....	....
Other Zymotic Diseases	1	2	....	1	....	....	....	1	....
Cancer and Malignant Tumor	34	34	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	98	71	....	....	....	....	....	....	....
Marasmus—Tabes Mesenterica and Scrofula	24	29	21	1	1	....	....	23	....
Hydrocephalus, Tubercular Meningitis, etc	7	5	2	1	....	....	....	3	....
Rheumatism and Gout	2	3	....	....	....	....	....	....	....
Other Constitutional Diseases	15	9	....	1	....	....	....	1	....
Bronchitis	32	33	9	2	2	2	....	10	5
Pneumonia	68	40	7	4	4	1	....	8	8
Other Diseases Respiratory Organs	43	27	6	1	....	....	....	7	....
Diseases of Circulatory System	72	70	1	....	1	....	....	2	....
Meningitis and Encephalitis	9	12	2	2	1	....	....	5	....
Convulsions and Trismus	7	15	5	1	....	....	....	6	....
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	1	....	....	....	....	....	....	....	....
Apoplexy	14	20	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	37	53	2	1	....	....	....	3	....
Cirrhosis of Liver and Hepatitis	15	14	....	....	....	....	....	....	....
Appendicitis	1	7	....	....	....	....	....	....	....
Enteritis,Gastro-Enteritis, Per'tis and Gas'tis	22	19	1	....	....	....	....	1	....
Bright's Disease and Nephritis	31	40	....	....	....	....	....	....	....
Other Diseases Urinary Organs	31	28	....	1	....	....	....	1	....
Diseases Generative Organs	3	2	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	....	....	....	....	....	....	....	....
Diseases of the Integument	1	1	1	....	....	....	....	1	....
Other Local Diseases	22	16	1	....	....	....	....	1	....
Cyanosis	4	5	4	....	....	....	....	4	....
Inanition	21	18	19	1	....	....	....	18	2
Premature Birth	8	19	8	....	....	....	....	8	....
Puerperal Diseases (not incl.Puerperal Fever)	....	....	....	....	....	....	....	....	....
Senility	44	37	....	....	....	....	....	....	....
Other Developmental Diseases	15	17	14	....	....	....	....	13	1
Surgical Operations	1	4	....	....	....	....	....	....	....
Deaths by Suicide	10	14	....	....	....	....	....	....	....
Deaths by Homicide	5	5	....	....	....	....	....	....	....
Deaths by Accident	41	45	2	....	1	....	....	3	....
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	....	2	....	....	....	....	....	....	....

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TABLE No. 20.—Continued.

a population of 645,000, computed on census figures of 1900 (575,200) at the rate of than the previous month. 69 certificates were issued for deaths occurring Percentage of deaths in eleemosynary and other institutions of a public char- mortality, 15.82. White population, 605,000; mortality rate per thousand, 14.54.

AGES BY YEARS.													Sex.		Social Relations		Color.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
21	13	27	50	42	47	53	45	47	43	45	59	59	108	478	345	438	384	741	81	822
13	5	8	10	7	3	3	2	3	1	1	....	1	1	43	41	22	62	80	4	84
2	2	14	19	15	21	15	15	8	11	5	12	10	4	94	86	88	92	158	22	180
9	4	4	15	14	22	26	25	31	26	31	40	28	66	243	166	256	153	365	44	409
....	....	....	1	....	....	....	....	....	....	....	3	7	35	51	41	40	52	85	7	92
....	2	1	5	6	1	9	3	5	5	8	4	3	2	47	11	32	25	53	4	57
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	1	1	....	....	....	....	....	....	....	....	....	....	....	4	5	....	9	9	....	9
6	....	....	....	....	....	....	....	....	....	....	....	....	....	5	5	....	10	10	....	10
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
2	4	5	6	2	1	3	....	....	....	1	....	....	....	12	12	6	18	24	....	24
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	3	3	....	3
....	....	....	1	1	....	....	....	....	....	....	....	1	....	1	2	2	1	2	1	3
....	....	1	2	1	....	....	....	....	....	....	....	....	....	....	4	4	....	4	....	4
....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	4	....	10	8	2	10
....	....	1	....	....	....	....	....	....	1	....	....	....	....	1	1	....	2	2	....	2
....	....	....	1	....	....	....	....	2	....	....	....	....	....	3	....	2	1	3	....	3
....	....	....	....	3	2	....	1	....	....	....	....	1	....	3	4	6	1	6	1	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	3	3	....	3
....	....	....	....	....	....	....	1	1	....	....	....	....	....	2	....	2	....	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	1	....	1	1	1	....	5	4	4	3	6	6	2	12	22	30	4	32	2	34
1	1	12	17	13	16	12	7	4	7	2	4	2	....	56	42	44	54	78	20	98
....	....	....	....	....	....	....	....	....	....	....	....	....	1	15	9	1	23	24	....	24
....	....	1	....	....	1	....	1	....	....	....	....	1	....	3	4	3	4	7	....	7
1	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	1	1	2	....	2
....	....	1	1	1	3	3	1	....	....	....	2	1	1	7	8	9	6	15	....	15
1	....	....	1	....	1	....	....	1	2	1	2	3	5	16	16	14	18	27	5	32
2	....	1	4	4	2	5	6	2	2	8	5	2	9	34	34	32	36	54	14	68
1	1	....	3	2	2	5	2	4	....	4	3	5	4	27	16	24	19	40	3	43
1	1	2	1	2	3	5	5	5	7	8	8	9	13	49	23	49	23	63	9	72
....	....	....	1	1	....	....	....	....	1	....	1	....	....	1	8	3	6	7	2	9
1	....	....	....	....	....	....	....	....	....	....	....	....	....	4	3	....	7	7	....	7
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1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	....	....	1	....	....	1	1	1	2	3	5	9	5	12	2	14	....	14
....	....	....	....	1	4	4	3	3	6	1	2	5	5	25	12	24	13	35	2	37
....	....	....	1	1	1	1	1	4	1	1	2	1	1	12	3	11	4	14	1	15
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	....	1	....	1
1	2	....	1	2	4	....	....	4	....	2	1	2	2	13	9	14	8	22	....	22
....	....	....	1	1	1	4	2	....	1	3	6	3	9	17	14	27	4	27	4	31
....	....	....	....	....	2	2	4	3	2	....	5	4	8	24	7	24	7	27	4	31
....	....	....	....	....	1	....	1	1	....	....	....	....	....	....	3	3	....	3	....	3
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1	....	1	2	....	....	....	1	2	3	2	3	1	5	11	11	15	7	22	....	22
....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	1	....	4	4	....	4
....	....	....	1	....	....	....	....	....	....	....	....	....	....	11	10	1	20	18	3	21
....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	2	....	8	8	....	8
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....	....	....	....	....	....	....	....	....	....	....	....	....	1	8	7	1	14	14	1	15
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	1	....	1	....	1
....	....	....	1	1	....	1	1	1	1	3	1	....	....	9	1	7	3	10	....	10
....	....	....	1	....	1	....	....	....	1	2	....	....	....	4	1	1	4	4	1	5
....	2	1	2	5	....	7	2	4	3	3	3	3	2	33	8	23	18	38	3	41
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TABLE No. 21.

SHOWING THE REPORTED MORTALITY FOR DECEMBER, 1903.

The annual death rate per 1,000 during the month was 19.35, this being based of four per cent annual increase. During the month there were 221 more deaths outside the city limits; these are not included in the monthly statement. acter to total mortality, 20.00. Percentage of deaths in city institutions to total Colored population, 40,000; mortality rate per thousand, 24.15.

CAUSES OF DEATH.	Total deaths reported during Dec., 1903.	Total deaths reported during Dec., 1902.	AGES BY YEARS.						
			Under 1 year.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	Total under 5 years	
								White.	Colored.
Total Deaths from all Causes	1043	796	141	31	14	18	3	185	22
Total Zymotic Diseases	117	98	17	7	8	10	2	41	3
Total Constitutional Diseases	190	141	14	4	....	1	....	19	....
Total Local Diseases	568	400	63	18	4	5	1	78	13
Total Developmental Diseases	105	103	45	2	....	....	....	42	5
Total Deaths by Violence	62	52	2	....	2	2	....	5	1
Total Unknown	1	2	....	....	....	....	....	....	....
Small-pox	....	2	....	....	....	....	....	....	....
Measles	....	1	....	....	....	....	....	....	....
Scarlatina	15	11	....	2	1	2	1	6	....
Diphtheria	18	12	1	4	3	4	....	11	1
Croup	10	5	1	....	4	3	1	9	....
Whooping Cough	2	3	1	....	....	1	....	1	1
Typhoid Fever	31	25	....	....	....	....	....	....	....
Typhus Fever	....	....	....	....	....	....	....	....	....
Cerebro-Spinal Fever	1	1	....	....	....	....	....	1	....
Rem.Inter.Typ.-Mal, Cong.& S'ple Con. Fevs.	5	6	....	....	....	....	....	....	....
Puerperal Fever	2	2	....	....	....	....	....	....	....
Diarrhœal { Under 5 years	12	13	11	1	....	....	....	12	....
Diseases: { Other Ages	4	4	....	....	....	....	....	....	....
Erysipelas	7	....	2	....	....	....	....	1	1
Pyæmia and Septicæmia	7	8	....	....	....	....	....	....	....
Syphilis	....	....	....	....	....	....	....	....	....
Alcoholism	....	3	....	....	....	....	....	....	....
Other Zymotic Diseases	3	2	....	....	....	....	....	....	....
Cancer and Malignant Tumor	50	26	....	....	....	....	....	....	....
Phthisis and Tuberculosis—Pulmonary	97	85	....	1	....	....	....	1	....
Marasmus—Tabes Mesenterica and Scrofula	17	18	11	3	....	....	....	14	....
Hydrocephalus, Tubercular Meningitis, etc	15	8	2	....	....	1	....	3	....
Rheumatism and Gout	2	3	....	....	....	....	....	....	....
Other Constitutional Diseases	9	1	1	....	....	....	....	1	....
Bronchitis	42	37	12	2	1	2	....	15	2
Pneumonia	156	67	23	10	3	1	....	29	8
Other Diseases Respiratory Organs	40	30	8	....	....	2	....	8	2
Diseases of Circulatory System	95	59	1	....	....	....	....	1	....
Meningitis and Encephalitis	18	8	4	3	....	....	1	8	....
Convulsions and Trismus	8	10	8	....	....	....	....	8	....
Heat Stroke	....	....	....	....	....	....	....	....	....
LaGrippe	6	4	1	....	....	....	....	1	....
Apoplexy	14	24	....	....	....	....	....	....	....
Other Diseases of the Brain & Nervous Sys.	49	31	4	1	....	....	....	5	....
Cirrhosis of Liver and Hepatitis	9	15	....	....	....	....	....	....	....
Appendicitis	5	1	....	....	....	....	....	....	....
Enteritis,Gastro-Enteritis, Per'tis and Gas'tis	24	23	....	....	....	....	....	....	....
Bright's Disease and Nephritis	54	46	....	....	....	....	....	....	....
Other Diseases Urinary Organs	17	33	....	....	....	....	....	....	....
Diseases Generative Organs	5	2	....	....	....	....	....	....	....
Diseases Locomotory Organs	....	....	....	....	....	....	....	....	....
Diseases of the Integument	1	....	....	....	....	....	....	....	....
Other Local Diseases	25	10	2	2	....	....	....	3	1
Cyanosis	1	2	1	....	....	....	....	1	....
Inanition	18	14	18	....	....	....	....	17	1
Premature Birth	10	12	10	....	....	....	....	8	3
Puerpural Diseases (not incl.Puerperal Fever)	....	....	....	....	....	....	....	....	....
Senility	49	43	....	....	....	....	....	....	....
Other Developmental Diseases	27	32	16	2	....	....	....	16	2
Surgical Operations	4	1	....	....	....	....	....	....	....
Deaths by Suicide	8	....	....	....	....	....	....	....	....
Deaths by Homicide	4	10	....	....	....	....	....	....	....
Deaths by Accident	46	34	2	....	2	2	....	5	1
Execution by Warrant of Law	....	....	....	....	....	....	....	....	....
Unknown	1	2	....	....	....	....	....	....	....

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TABLE No. 21—Continued.

on a population of 645,000, computed on census figures of 1900 (575,200) at the rate than the previous month. 49 certificates were issued for deaths occurring Percentage of deaths in eleemosynary and other institutions of a public char- mortality, 15.51. White population, 605,000; mortality rate per thousand, 16.00.

AGES BY YEARS.														Sex.		Social Relations		Color.		
5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
26	18	38	64	44	62	73	64	64	64	58	76	54	131	589	454	561	482	984	109	1043
14	7	6	10	6	7	5	1	5	7	3	1	....	1	65	52	28	89	109	8	117
2	1	11	16	12	19	21	14	19	10	10	14	7	15	100	90	106	84	160	30	190
9	7	18	29	22	31	37	43	38	42	38	52	43	68	324	244	335	233	511	57	568
1	....	....	....	1	....	2	....	....	1	2	3	3	45	52	53	52	53	98	7	105
....	3	3	9	3	5	8	6	2	4	5	6	....	2	47	15	40	22	55	7	62
....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	3	2	....	....	....	....	....	....	....	....	....	....	....	7	8	....	15	15	....	15
4	1	....	....	1	....	....	....	....	....	....	....	....	....	9	9	....	18	17	1	18
1	....	....	....	....	....	....	....	....	....	....	....	....	....	7	3	....	10	10	....	10
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2	1	1	2
4	3	3	9	3	3	2	....	1	2	1	....	....	....	21	10	11	20	30	1	31
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1
....	....	....	1	1	....	....	1	....	1	....	....	....	1	1	4	5	....	4	1	5
....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	2	....	2	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	7	5	....	12	12	....	12
....	....	....	....	....	1	....	....	1	1	1	....	....	....	4	....	3	1	3	1	4
....	....	1	....	1	1	1	....	1	1	1	....	....	....	3	4	5	2	5	2	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	2	2	5	6	1	7
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	....	....	1	....	....	1	....	....	....	....	1	2	2	1	3	....	3
....	....	....	....	....	1	4	3	9	1	8	8	6	10	24	26	43	7	48	2	50
1	1	10	9	9	17	14	8	10	9	2	2	1	3	55	42	49	48	77	20	97
....	....	....	1	....	....	....	1	....	....	....	....	....	1	8	9	2	15	16	1	17
1	....	1	4	1	1	2	1	....	....	....	1	....	....	8	7	6	9	11	4	15
....	....	....	1	....	....	....	....	....	....	....	1	....	....	1	1	1	1	1	1	2
....	....	....	1	2	....	1	1	....	....	....	2	....	1	4	5	5	4	7	2	9
....	....	....	2	....	....	1	....	....	1	3	3	3	12	14	28	22	20	39	3	42
3	....	4	13	9	7	14	13	11	6	10	7	11	11	99	57	74	82	138	18	156
1	....	1	2	1	2	2	2	3	3	....	4	6	3	21	19	18	22	35	5	40
....	3	3	2	5	11	5	10	9	7	7	12	3	17	54	41	75	20	88	7	95
....	....	1	....	2	....	1	2	1	1	2	....	....	....	9	9	6	12	16	2	18
....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	3	....	8	8	....	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	1	....	2	....	1	1	....	4	2	1	5	4	2	6
....	....	....	....	....	....	2	....	....	1	2	4	2	3	8	6	13	1	14	....	14
1	1	1	3	1	2	3	6	3	3	5	4	4	7	33	16	30	19	45	4	49
....	....	....	....	1	....	1	1	1	3	....	1	1	....	7	2	9	....	8	1	9
....	2	1	....	....	1	1	....	....	....	....	....	....	....	4	1	2	3	4	1	5
2	....	3	4	1	1	1	....	1	3	3	2	2	1	10	14	18	6	22	2	24
2	....	2	2	1	5	4	4	4	6	6	9	3	6	29	25	35	19	45	9	54
....	....	....	....	1	....	1	1	....	2	....	3	5	4	11	6	14	3	17	....	17
....	....	1	....	....	1	....	....	....	....	....	1	....	....	....	5	3	2	5	....	5
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1	....	1
....	1	....	....	....	1	1	2	5	4	....	1	3	3	15	10	15	10	22	3	25
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	8	10	....	18	17	1	18
....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	6	....	10	8	2	10
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	1	1	3	2	42	31	18	44	5	48	1	49
1	....	....	....	1	....	2	....	....	....	1	....	1	3	8	19	8	19	24	3	27
....	....	....	1	....	....	....	....	1	....	....	....	2	....	3	1	3	1	3	1	4
....	....	....	1	2	....	2	1	....	....	....	....	2	....	5	3	6	2	8	....	8
....	....	....	....	....	1	1	1	....	1	....	....	....	....	3	1	3	1	3	1	4
....	3	3	7	1	4	5	4	1	3	5	2	....	2	35	10	28	18	41	5	46
....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	....	1	....

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TABLE NO. 22.

CREMATIONS AND CAUSES OF DEATH.

JANUARY.

	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED
Cancer	1	2	2	1	3	....	3	St. Louis, Mo.
Peritonitis	....	1	1	....	1	....	1	"
Heart Disease	1	....	1	....	1	....	1	"
Pneumonia	....	1	....	1	1	....	1	"
Asthenia	1	....	1	....	1	....	1	"
Accident	1	....	....	1	1	....	1	"
Senile Dementia	....	1	1	....	1	....	1	"
Senility	1	....	1	....	1	....	1	"
Bright's Disease	....	1	1	....	1	....	1	"
Consumption	....	1	1	....	1	....	1	"
Heart Disease	1	....	1	....	1	....	1	Pittsburg, Kan.
Pneumonia	1	....	1	....	1	....	1	Burlington, Iowa.
Consumption	....	1	....	1	1	....	1	St. Louis Co., Mo.
Total	7	8	11	4	15	....	15	

FEBRUARY.

Apoplexy	1	1	2	....	2	....	2	St. Louis, Mo.
Senility	1	2	2	....	3	....	3	"
Septicaemia	1	....	1	....	1	....	1	"
Typhoid Fever	1	....	1	....	1	....	1	"
Uraemia	1	....	1	....	1	....	1	"
Bronchitis	1	....	1	....	1	....	1	"
Pleuritis	....	1	....	1	1	....	1	"
Emphysema	1	....	1	....	1	....	1	"
Pneumonia	2	....	2	....	2	....	2	"
Congestion of Lungs	....	1	1	....	1	....	1	"
Cancer	....	1	1	....	1	....	1	"
Pneumonia	1	....	1	....	1	....	1	East St. Louis, Ill.
Total	10	6	14	1	16	....	16	

MARCH.

Carcinoma	1	1	2	....	2	....	2	St. Louis, Mo.
Diabetes	1	....	1	....	1	....	1	"
Congestion of Lungs	....	1	1	....	1	....	1	"
Valvular Disease, Heart	1	1	2	....	2	....	2	"
Paralysis	1	....	1	....	1	....	1	"
Dementia Paralytica	1	....	....	1	1	....	1	"
Diphtheria	1	....	1	....	1	....	1	"
Senility	....	1	1	....	1	....	1	"
Suicide	1	....	1	....	1	....	1	"
Uraemia	1	....	1	....	1	....	1	"
Phthisis Pulmonalis	2	....	2	....	2	....	2	"
Accident	1	....	1	....	1	....	1	"
La Grippe	1	....	1	....	1	....	1	"
Pneumonia	1	....	1	....	1	....	1	"
Heart Failure	1	....	1	....	1	....	1	"
Endocarditis	1	....	1	....	1	....	1	"
Hemiplegia	....	1	....	1	1	....	1	Macon, Ga.
Total	15	5	18	2	20	....	20	

APRIL.

Pneumonia	2	....	2	....	2	....	2	St. Louis, Mo.
Diphtheria	1	....	....	1	1	....	1	"
Consumption	1	....	....	1	1	....	1	"
Anaemia	....	1	1	....	1	....	1	"
Oedema of the Lungs	3	....	2	1	3	....	3	"
Heart Disease	....	1	1	....	1	....	1	"
Bronchitis	1	....	1	....	1	....	1	"
Total	8	2	7	3	10	....	10	

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MAY.

	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Phthisis Pulmonalis	2	....	1	1	2	....	2	St. Louis, Mo.
Convulsions	1	....	....	1	1	....	1	"
Heart Disease	1	1	1	1	2	....	2	"
Senility	1	....	....	1	1	....	1	"
Bright's Disease	1	....	....	1	....	....	1	"
Iliac Abscess	1	....	1	....	1	....	1	"
Peritonitis	1	....	1	....	1	....	1	"
Pneumonia	....	1	1	....	1	....	1	"
Rheumatism	1	....	1	....	1	....	1	"
Senility	....	1	1	....	1	....	1	Leavenworth, Kan.
Total	9	3	7	5	12	....	12	

JUNE.

Hemiplegia	....	1	1	....	1	....	1	St. Louis, Mo.
Heart Disease	2	....	2	....	2	....	2	"
Dysentery	1	....	1	....	1	....	1	"
Hemorrhage of Lungs	1	....	1	....	1	....	1	"
Senility	1	....	1	....	1	....	1	"
Consumption	1	....	1	....	1	....	1	New Mexico.
Total	6	1	7	....	7	....	7	

JULY.

Hernia	1	....	1	....	1	....	1	Chicago, Ill.
Pulmonary Tuberculosis	1	....	1	....	1	....	1	Albuquerque, N. M.
Hemiplegia	1	....	1	....	1	....	1	St. Louis, Mo.
Valvular Disease of the Heart.	3	....	3	....	3	....	3	"
Senile Debility	1	....	1	....	1	....	1	"
Acute Gastritis	1	1	1	1	2	....	2	"
Dementia Paralytic	....	1	1	....	1	....	1	"
Cirrhosis of the Liver	1	....	1	....	1	....	1	"
Meningitis	1	....	1	....	1	....	1	"
Dysentery	1	....	1	....	1	....	1	"
Hemorrhage of Aneurism	1	....	1	....	1	....	1	"
Total	12	2	13	1	14	....	14	

AUGUST.

Senile Debility	1	1	2	....	2	....	2	St. Louis, Mo.
Enteritis	....	1	1	....	1	....	1	"
Typhoid Fever	1	3	4	....	4	....	4	"
Senile Paralysis	1	....	1	....	1	....	1	"
Suicide	1	....	1	....	1	....	1	"
Tuberculous Peritonitis	....	1	1	....	1	....	1	"
Chronic Enteritis	1	....	....	1	1	....	1	"
Consumption	1	....	1	....	1	....	1	"
Total	6	6	11	1	12	....	12	

SEPTEMBER.

Septicaemia	....	1	1	....	1	....	1	St. Louis, Mo.
Hemiplegia	1	....	....	1	1	....	1	"
Carcinoma	1	....	....	1	1	....	1	"
Apoplexy	....	1	1	....	1	....	1	"
Peritonitis	1	....	....	1	1	....	1	"
Total	3	2	2	3	5	....	5	

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OCTOBER.

	Male.	Female.	Married.	Single.	White.	Colored.	Total.	WHERE DIED.
Pneumonia	....	2	2	....	2	....	2	St. Louis, Mo.
Diabetes Mellitus	1	....	....	1	1	....	1	"
Biliary Calculi	....	1	1	....	1	....	1	"
Apoplexy	1	....	1	....	1	....	1	"
Senile Debility	1	....	1	....	1	....	1	"
Total	3	3	5	1	6	....	6	

NOVEMBER.

Cancer	2	3	5	....	5	....	5	St. Louis, Mo.
Abscess of Liver	1	....	....	1	1	....	1	"
Marasmus	1	....	....	1	1	....	1	"
Rupture of Aneurism	1	....	1	....	1	....	1	"
Senility	2	....	2	....	2	....	2	"
Anaemia	1	....	1	....	1	....	1	"
Traumatic Tetanus	1	....	....	1	1	....	1	"
Pulmonary Diseases	2	1	2	1	3	....	3	"
Uraemia	1	....	1	....	1	....	1	"
Asthma	....	1	1	....	1	....	1	"
Total	12	5	13	4	17	....	17	

DECEMBER.

Carcinoma	....	1	....	1	1	....	1	St. Louis, Mo.
Cardiac Dropsy	....	1	....	1	1	....	1	"
Anaemia	....	1	1	....	1	....	1	"
Prostatitis	1	....	1	....	1	....	1	"
Double Pneumonia	....	1	1	....	1	....	1	"
Hemiplegia	1	....	1	....	1	....	1	"
Cirrhosis of Liver	1	....	1	....	1	....	1	"
Perforation of Intestines	1	....	....	1	1	....	1	"
Nephritis	1	....	....	1	1	....	1	"
Bronchitis	....	1	1	....	1	....	1	"
Senility	1	....	1	....	1	....	1	"
Total	6	5	7	4	11	....	11	

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TABLE NO. 23.

ABSTRACT OF WEEKLY REPORTS MADE DURING THE MONTH BY THE CORONER.

JANUARY.

	White.	Colored.	Adults.	Minors.	Social Condition. Married.	Single.	Widow.	Divorced.	Unknown.	Causes of Death. Natural.	Accidental.	Homicide.	Suicide.	Unknown.	Legal Execution.	No. of Inquests Reported.
Males	54	21	54	21	20	45	9	....	1	43	19	4	2	6	1	75
Females	20	7	20	7	8	13	6	....	....	13	5	1	8	....	....	27
Total	74	28	74	28	28	58	15	....	1	56	24	5	10	6	1	102
FEBRUARY.																
Males	61	15	59	17	28	37	7	2	2	29	20	9	4	3	1	76
Females	8	3	7	4	2	8	1	....	....	9	2	....	....	....	....	11
Total	69	18	66	21	30	45	8	2	2	48	22	9	4	3	1	87
MARCH.																
Males	86	15	82	19	37	43	12	2	7	43	29	4	16	9	....	101
Females	32	6	26	12	13	14	10	1	....	22	8	2	3	3	....	38
Total	118	21	108	31	50	57	22	3	7	65	37	6	19	12	....	139
APRIL.																
Males	69	8	59	18	24	45	6	....	2	37	19	6	7	8	....	77
Females	19	3	12	10	4	14	4	....	....	11	5	....	4	2	....	22
Total	88	11	71	28	28	59	10	....	2	48	24	6	11	10	....	99
MAY.																
Males	85	12	82	15	34	49	7	....	7	38	33	6	13	5	2	97
Females	23	6	18	11	9	17	3	....	....	16	7	....	6	....	....	29
Total	108	18	100	26	43	66	10	....	7	54	40	6	19	5	2	126
JUNE.																
Males	77	8	70	15	30	40	5	1	9	36	27	6	13	3	....	85
Females	30	7	28	9	21	12	4	....	....	20	10	....	6	....	....	37
Total	107	15	98	24	51	52	9	1	9	56	37	6	19	3	....	122
JULY.																
Males	78	10	63	21	29	48	11	....	....	32	38	5	11	2	....	88
Females	26	12	31	11	14	17	7	....	....	22	7	2	7	....	....	38
Total	104	22	94	32	43	65	18	....	....	54	45	7	18	2	....	126
AUGUST.																
Males	95	12	84	30	39	60	6	....	2	35	41	8	21	2	....	107
Females	18	7	12	6	9	11	5	....	....	14	5	1	5	....	....	25
Total	113	19	96	36	48	71	11	....	2	49	46	9	26	2	....	132
SEPTEMBER.																
Males	88	12	84	16	42	25	5	3	....	32	41	9	14	4	....	100
Females	16	3	10	9	5	7	7	....	....	9	5	....	3	2	....	19
Total	104	15	94	25	47	32	12	3	....	41	46	9	17	6	....	119
OCTOBER.																
Males	77	11	74	14	43	39	6	....	....	27	39	5	17	....	....	88
Females	28	2	23	7	13	12	4	1	....	15	6	....	7	2	....	30
Total	105	13	97	21	56	51	10	1	....	42	45	5	24	2	....	118
NOVEMBER.																
Males	79	10	77	12	29	44	13	3	....	38	34	6	7	4	....	89
Females	18	8	15	11	10	10	6	....	....	15	5	....	3	3	....	26
Total	97	18	92	23	39	54	19	3	....	53	39	6	10	7	....	115
DECEMBER.																
Males	88	17	85	20	47	40	14	3	....	51	36	6	8	4	....	105
Females	24	7	24	7	14	13	4	....	....	16	9	2	3	1	....	31
Total	112	24	109	27	61	53	18	3	....	67	45	8	11	5	....	136

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TABLE No. 24.

DECEDENTS RECEIVED FROM OUTSIDE THE CITY, AND PLACES OF DEATH.

JANUARY.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.	LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Atchison, Kan.	..	1	1	..	1	..	1	Philadelphia, Pa.	1	..	1	..	1	..	1
Burlington, Iowa	1	..	1	..	1	..	1	Pittsburg, Kan.	1	..	1	..	1	..	1
Chicago, Ill	1	2	2	1	3	..	3	Quincy, Ill.	1	..	..	1	1	..	1
Clarenden, Ark.	..	1	..	1	1	..	1	St. Louis County, Mo.	8	11	9	10	18	1	19
Collinsville, Ill.	..	1	..	1	1	..	1	San Antonio, Tex.	2	..	1	1	2	..	2
Denver, Col.	1	1	1	1	2	..	2	Santa Fe, N. M.	..	1	1	..	1	..	1
East St. Louis, Ill.	3	2	4	1	5	..	5	St. Augustine, Fla.	1	..	1	..	1	..	1
Granite City, Ill.	2	..	1	1	2	..	2	San Diego, Cal.	1	..	..	1	1	..	1
Hobert, Ala.	1	..	..	1	1	..	1	Seattle, Wash.	..	1	1	..	1	..	1
Indianapolis, Ind.	1	..	1	..	1	..	1	Stanton, Mo.	1	..	1	..	1	..	1
Joplin, Mo.	1	1	1	1	2	..	2	St. Charles, Mo.	1	..	1	..	1	..	1
Kansas City, Mo.	..	1	1	..	1	..	1	Tampa, Fla.	..	1	..	1	1	..	1
Leavenworth, Kan.	1	..	1	..	1	..	1	Valley Park, Mo.	1	..	..	1	1	..	1
Mt. Vernon, Ind.	1	..	..	1	1	..	1	Washington, D. C.	..	1	..	1	1	..	1
New Orleans, La.	..	1	1	..	..	1	1								
New York, N. Y.	1	1	2	..	2	..	2	Total	33	27	35	25	58	2	60
Oklahoma City, O. T.	1	..	1	..	1	..	1								

FEBRUARY.

Birmingham, Ala.	1	..	1	..	1	..	1	Kansas City, Mo.	..	2	1	1	2	..	2
Blackburn, Mo.	..	1	1	..	1	..	1	Lawton, O. T.	1	..	..	1	1	..	1
Cassville, Mo.	1	..	1	..	1	..	1	New York, N. Y.	1	1	1	1	2	..	2
Central City, Ill.	1	..	1	..	1	..	1	N. Venice, Ill.	..	1	1	..	1	..	1
Chicago, Ill.	4	1	4	1	5	..	5	Okawville, Ill.	..	1	1	..	1	..	1
Cincinnati, Ohio	..	1	1	..	1	..	1	Omaha, Neb.	1	..	..	1	1	..	1
Clyde, Kan.	1	..	1	..	1	..	1	Pocahontas, Ark.	1	..	..	1	1	..	1
De Soto, Mo.	..	1	1	..	1	..	1	St. Louis, County, Mo.	13	5	9	9	16	2	18
East St. Louis, Ill.	2	2	2	2	4	..	4	Salt Lake City, Utah	1	..	1	..	1	..	1
Edwardsville, Ill.	..	1	1	..	1	..	1	San Antonio, Texas	2	..	1	1	2	..	2
El Paso, Texas	3	..	2	1	3	..	3	Seligman, Ariz.	1	..	..	1	1	..	1
Fayetteville, Ark.	1	..	1	..	1	..	1	Wauwatosa, Wis.	..	1	..	1	1	..	1
Granite City, Ill.	..	1	..	1	1	..	1								
Hot Springs, Ark.	1	..	1	..	1	..	1	Total	37	19	34	2	..	2	56
Jennings, Mo.	1	..	1	..	1	..	1								

MARCH.

Belleville, Ill.	1	..	1	..	1	..	1	Moselle, Mo.	..	1	..	1	1	..	1
Brookings, Ark.	..	1	1	..	1	..	1	Nashville, Tenn	..	1	..	1	..	1	1
Chester, Ill.	1	..	1	..	..	1	1	New Orleans, La.	..	1	1	..	1	..	1
Collinsville, Ill.	1	..	1	..	..	1	1	Oakville, Mo.	1	..	..	1	1	..	1
Danville, Ill.	4	..	3	1	4	..	4	Oswego, N. Y.	1	..	..	1	1	..	1
Delhi, Ill.	..	1	1	..	1	..	1	Passaic, N. J.	1	..	1	..	1	..	1
Denver, Col.	1	1	2	..	2	..	2	Phoenix, Ariz.	1	..	..	1	1	..	1
De Soto, Mo.	1	2	1	2	3	..	3	Pomona, Cal.	..	1	..	1	1	..	1
East St. Louis, Ill.	3	3	3	3	6	..	6	St. Louis County, Mo.	14	15	14	15	28	1	29
Edwardsville, Ill.	..	1	1	..	1	..	1	Tucson, Ariz.	1	..	..	1	1	..	1
Gasconade, Mo.	1	..	1	..	1	..	1	Urich, Mo.	1	..	1	..	1	..	1
Globe, Ariz.	1	..	..	1	1	..	1	Vicksburg, Miss.	1	..	..	1	1	..	1
Granite City, Ill.	1	..	..	1	1	..	1	Vosburg, Miss.	1	..	1	..	1	..	1
Cumbo, Mo.	..	1	1	..	1	..	1	Springfield, Mo.	1	..	1	..	1	..	1
Guthrie, Okla.	1	..	..	1	1	..	1	Wellston, Mo.	..	1	..	1	1	..	1
Los Angeles, Cal.	1	..	..	1	1	..	1	Waumentosa, Wis.	1	..	..	1	1	..	1
Macon, Ga.	..	1	..	1	1	..	1								
Makanda, Ill.	1	..	1	..	1	..	1	Total	42	31	37	36	69	4	73

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APRIL.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Bourbon, Mo.	..	1	1	..	1	..	1
Cherryvale, Kan.	..	1	1	..	1	..	1
Chicago, Ill.	2	2	4	..	4	..	4
Denver, Col.	1	..	1	..	1	..	1
Denverside, Ill.	..	1	1	..	1	..	1
De Soto, Mo.	1	..	1	..	1	..	1
East St. Louis, Ill.	5	8	8	5	10	3	13
El Paso, Texas	2	..	..	2	2	..	2
Goldman, Mo.	1	..	1	..	1	..	1
Granite City, Ill.	1	1	1	1	2	..	2
Kansas City, Kan.	1	..	1	..	1	..	1
Los Angeles, Cal.	..	1	1	..	1	..	1
Memphis, Tenn.	..	1	..	1	1	..	1
New Orleans, La.	..	1	1	..	1	..	1
Ottumwa, Iowa	1	..	1	..	1	..	1
Pattonville, Mo.	..	1	1	..	1	..	1
Pleasant Hill	1	..	1	..	1	..	1
St. Louis County, Mo.	5	15	7	13	20	..	20
San Diego, Cal.	1	..	1	..	1	..	1
St. Joseph, Mo.	1	1	1	1	2	..	2
Terre Haute, Ind.	1	..	1	..	1	..	1
Venice, Ill.	..	1	1	..	1	..	1
Watkins, N. Y.	..	1	1	..	1	..	1
Williams, Ariz.	1	..	..	1	1	..	1
Total	25	36	37	24	58	3	61

MAY.

Alton, Ill.	1	..	..	1	1	..	1
Campbell, Ill.	1	..	1	..	1	..	1
Chicago, Ill.	1	1	2	..	2	..	2
Chatham, Ill.	1	..	..	1	1	..	1
Danville, Ill.	1	..	1	..	1	..	1
East St. Louis, Ill.	2	..	..	2	1	1	2
El Paso, Texas	1	1	1	1	2	..	2
French Lick Sp's., Ind.	1	..	1	..	1	..	1
Ironton, Mo.	1	..	1	..	1	..	1
Jersey City, N. J.	..	1	1	..	1	..	1
Kansas City, Mo.	..	1	1	..	1	..	1
Leavenworth, Kan.	..	1	1	..	1	..	1
Little Rock, Ark.	1	..	1	..	1	..	1
Madison, Ill.	..	1	..	1	1	..	1
New Albany, Ind.	1	..	1	..	1	..	1
New Rochelle, N. Y.	1	..	1	..	1	..	1
New Orleans, La.	..	1	1	..	1	..	1
New York, N. Y.	..	1	1	..	1	..	1
Osowalotine, Kan.	1	..	1	..	1	..	1
Philadelphia, Pa.	1	..	..	1	1	..	1
Pittsburg, Kan.	1	..	1	..	1	..	1
St. Louis County, Mo.	11	10	12	9	21	..	21
San Antonio, Texas	1	1	1	1	2	..	2
Sedalia, Mo.	1	..	1	..	1	..	1
Springfield, Mo.	1	..	1	..	1	..	1
Sugar Loaf Twp., Ill.	1	..	1	..	1	..	1
Venice, Ill.	..	1	1	..	1	..	1
Wauwatatosa, Wis.	..	1	..	1	1	..	1
Total	31	21	34	18	51	1	52

JUNE.

Austin, Texas	1	..	1	..	1	..	1
Banders, Texas	1	..	1	..	1	..	1
Bellevue, Ky.	..	1	1	..	1	..	1
Boonville, Mo.	1	..	..	1	1	..	1
Chicago, Ill.	1	1	2	..	1	1	2
Denver, Col.	1	..	..	1	1	..	1
East St. Louis, Ill.	7	..	2	5	7	..	7
Ferdinand, Ind.	1	..	1	..	1	..	1
Ft. Worth, Texas	1	..	1	..	1	..	1
Granite City, Ill.	1	1	..	2	2	..	2
Greenville, Ill.	1	..	1	..	1	..	1
Hot Springs, Ark.	1	..	1	..	1	..	1
Lawton, O. T.	1	..	..	1	1	..	1
Long Beach, Cal.	..	1	1	..	1	..	1
Manhattan, N. Y.	1	..	1	..	1	..	1
Montrose, Iowa	..	1	1	..	1	..	1
Mississippi River	1	..	1	..	1	..	1
Okawville, Ill.	2	..	2	..	2	..	2
Rome, Italy	..	1	..	1	1	..	1
St. Louis County, Mo.	10	6	10	6	14	2	16
San Antonio, Texas	..	1	1	..	1	..	1
Savannah, Ga.	1	..	1	..	1	..	1
Venice, Ill.	3	..	2	1	3	..	3
Waukesha, Wis.	..	1	1	..	1	..	1
Washington, D. C.	1	..	1	..	1	..	1
Total	37	14	33	18	48	3	51

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JULY.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Belleville, Ill.	..	1	1	..	1	..	1
Carrolton, Miss.	1	..	1	..	1	..	1
Chetopa, Kan.	1	..	1	..	1	..	1
Chicago, Ill.	1	1	1	1	2	..	2
Dayton, Ohio	..	1	..	1	..	1	1
Denver, Col.	2	..	2	..	2	..	2
East St. Louis, Ill.	8	1	6	3	9	..	9
Fish Lake, Ill.	1	..	1	..	1	..	1
Fort Smith, Ark.	1	..	1	..	1	..	1
Fenton, Mo.	1	..	..	1	1	..	1
Hot Springs, Ark.	..	1	1	..	1	..	1
Ironton, Mo.	1	..	1	..	1	..	1
Jefferson City, Mo.	..	1	..	1	..	1	1
Juka, Ill.	1	..	1	..	1	..	1
Kansas City, Mo.	1	..	..	1	1	..	1
Memphis, Tenn.	1	..	..	1	1	..	1
New Orleans, La.	1	..	1	..	1	..	1
O'Fallon, Mo.	..	1	..	1	1	..	1
Pomona, Cal.	1	..	..	1	1	..	1
Riverside, Ill.	1	..	1	..	1	..	1
Rowell, N. M.	1	1	2	..	2	..	2
Rush Tower, Mo.	1	..	..	1	1	..	1
San Francisco, Cal.	1	..	1	..	1	..	1
St. Clair County, Ill.	1	..	..	1	1	..	1
St. Joseph, Mo.	..	1	1	..	1	..	1
St. Louis County, Mo.	..	3	3	..	3	..	3
Shrewsbury Park, Mo.	1	..	1	..	1	..	1
Springfield, Mo.	1	..	1	..	1	..	1
Venice, Ill.	1	..	..	1	1	..	1
Warsaw, Ill.	1	..	..	1	1	..	1
Warrensburg, Mo.	1	..	..	1	1	..	1
Total	32	12	28	16	41	2	44

AUGUST.

Alton, Ill.	2	1	..	3	2	1	3
Buffalo, N. Y.	1	..	1	..	1	..	1
Chicago, Ill.	3	..	3	..	3	..	3
Comfort, Texas	1	..	1	..	1	..	1
Dayton, Ky.	..	1	1	..	1	..	1
Denver, Col.	1	..	1	..	1	..	1
East St. Louis, Ill.	3	2	3	2	4	1	5
Eureka Springs, Ark.	1	..	..	1	1	..	1
Eureka, Mo.	1	..	1	..	1	..	1
Fulton, Mo.	..	1	..	1	1	..	1
Granite City, Ill.	1	..	1	..	..	1	1
Hot Springs, Ark.	1	..	1	..	1	..	1
Jackson, Miss.	..	1	1	..	1	..	1
Jefferson Co., Mo.	..	1	..	1	1	..	1
Kingfisher, O. T.	1	..	1	..	1	..	1
Madison, Ill.	..	1	1	..	1	..	1
Marmaroueck, Ky.	..	1	1	..	1	..	1
Massac, Ky.	..	1	..	1	1	..	1
New York City	..	1	..	1	1	..	1
Okawville, Ill.	..	1	1	..	1	..	1
Oklahoma City	1	..	..	1	1	..	1
Pueblo, Col.	1	..	1	..	1	..	1
Quincy, Ill.	1	..	1	..	1	..	1
Salina, Kan.	1	..	1	..	1	..	1
Scranton, Miss.	2	..	..	2	2	..	2
Sparta, Ill.	1	..	..	1	1	..	1
St. Charles, Mo.	1	..	1	..	1	..	1
St. Clair Co., Ill.	2	..	..	2	2	..	2
Ste. Genevieve, Mo.	1	..	1	..	1	..	1
St. Joseph, Mo.	1	1	2	..	2	..	2
St. Louis Co., Mo.	13	3	5	11	16	..	16
Upper Alton	1	..	1	..	1	..	1
Venice, Ill.	..	1	..	1	..	1	1
Washington, Mo.	1	..	1	..	1	..	1
Total	43	17	32	28	56	4	60

SEPTEMBER.

Alexandria, Ind.	..	1	1	..	1	..	1
Campbell, Mo.	1	..	..	1	1	..	1
Cape Girardeau, Mo.	1	..	1	..	1	..	1
Chicago, Ill.	..	2	2	..	2	..	2
Colorado Springs, Col.	1	..	..	1	1	..	1
Denver, Col.	1	1	2	..	2	..	2
East St. Louis, Ill.	4	3	6	1	7	..	7
Eureka Springs, Ark.	..	1	1	..	1	..	1
Ft. Worth, Texas.	..	1	1	..	..	1	1
Houston, Texas	1	..	1	..	1	..	1
Maries Co., Mo.	1	..	..	1	1	..	1
Memphis, Tenn.	1	..	..	1	1	..	1
Milwaukee, Wis.	..	1	..	1	1	..	1
New York, N. Y.	1	1	2	..	2	..	2
Paris, France	1	..	1	..	1	..	1
St. Joseph, Mo.	1	1	2	..	2	..	2
St. Louis Co., Mo.	11	8	11	8	18	1	19
Salem, Ore.	1	..	..	1	1	..	1
Southbridge, Mass.	1	..	1	..	1	..	1
Sweet Springs, Mo.	..	1	1	..	1	..	1
Venice, Ill.	2	..	..	2	1	1	2
Washington, Mo.	..	1	1	..	1	..	1
Total	29	22	34	17	48	3	51

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OCTOBER.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Alton, Ill.	1	1	1	1	2	..	2
Asheville, N. C.	..	1	..	1	1	..	1
Baltimore, Md.	1	..	..	1	1	..	1
Cayuga, Ind.	..	1	..	1	1	..	1
Centralia, Ill.	1	..	1	..	1	..	1
Clarendon, Ark.	1	..	..	1	1	..	1
Cleveland, Ohio	..	1	..	1	1	..	1
Denver, Col.	1	..	1	..	1	..	1
East St. Louis, Ill.	4	2	4	2	5	1	6
El Paso, Texas	1	..	1	..	1	..	1
Eureka Springs, Ark.	..	1	1	..	1	..	1
Fort Scott, Kan.	1	..	1	..	1	..	1
Glasgow, Mo.	1	..	1	..	1	..	1
Granite City, Ill.	1	..	1	..	1	..	1
Hot Springs, Ark.	1	..	1	..	1	..	1
Jefferson City, Mo.	1	..	1	..	..	1	1
Kansas City, Mo.	..	3	1	2	3	..	3
Keokuk, Iowa	1	..	1	..	1	..	1
Levee Camp, La.	1	..	1	..	1	..	1
Louisville, Col.	..	1	1	..	1	..	1
Los Angeles, Cal.	1	..	1	..	1	..	1
Madison, Ill.	1	..	..	1	1	..	1
New Orleans, La.	1	..	..	1	1	..	1
New York City	..	1	1	..	1	..	1
Odin, Ill.	1	..	1	..	1	..	1
Oklahoma City, O. T.	..	1	1	..	1	..	1
Osage County, Mo.	1	..	1	..	1	..	1
Red Bud, Ill.	1	..	1	..	1	..	1
St. Charles, Mo.	1	..	1	..	1	..	1
St. Clair Co., Ill.	..	1	..	1	1	..	1
St. James, Mo.	1	..	1	..	1	..	1
St. Louis Co., Mo.	10	5	8	7	14	1	15
St. Paul, Minn.	1	..	..	1	1	..	1
Toronto, Can.	..	1	1	..	1	..	1
Total	36	20	35	21	53	3	56

NOVEMBER.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Alomo, Ind.	1	..	..	1	1	..	1
Alton, Ill.	1	..	1	..	1	..	1
Belleville, Ill.	2	..	1	1	2	..	2
Breese, Ill.	..	1	..	1	1	..	1
Cairo, Ill.	1	1	2	..	2	..	2
Calamba, P. I.	1	..	..	1	1	..	1
Chicago, Ill.	1	1	1	1	2	..	2
Colorado Springs, Col.	1	..	1	..	1	..	1
Danville, Ill.	1	1	2	..	2	..	2
Denver, Col.	..	1	..	1	1	..	1
East St. Louis, Ill.	4	6	2	8	8	2	10
El Campo, Texas	1	..	1	..	1	..	1
El Paso, Texas	1	..	..	1	1	..	1
Fredericktown, Mo.	1	..	1	..	1	..	1
Jefferson City, Mo.	1	..	..	1	1	..	1
Kokoma, O. T.	1	..	..	1	1	..	1
Kansas City, Mo.	2	..	..	2	1	1	2
Little Rock, Ark.	1	..	1	..	1	..	1
Madison, Ill.	1	..	..	1	1	..	1
Manila, P. I.	1	..	..	1	1	..	1
Memphis, Tenn.	1	..	1	..	1	1	1
Monett, Mo.	1	..	1	..	1	..	1
Mt. Pulaski, Ill.	..	1	1	..	1	..	1
Nashua, N. H.	1	..	1	..	1	..	1
New Orleans, La.	..	1	1	..	1	..	1
New York City	1	..	1	..	1	..	1
Nome, Alaska	1	..	..	1	1	..	1
Paynesville, Mo.	..	1	1	..	1	..	1
Pine Bluff, Ark.	..	2	1	1	2	..	2
Pittsburg, Pa.	1	..	1	..	1	..	1
Portland, Ore.	1	..	1	..	1	..	1
Santa Fe, N. M.	..	1	1	..	1	..	1
San Antonio, Texas	..	1	1	..	1	..	1
St. Joseph, Mo.	..	1	1	..	1	..	1
St. Louis Co., Mo.	11	7	11	7	17	1	18
Venice, Ill.	..	1	..	1	1	..	1
Vincennes, Ind.	1	..	1	..	1	..	1
Total	41	27	38	31	66	3	69

DECEMBER.

LOCALITY.	Male.	Female.	Married.	Single.	White.	Colored.	Total.
Allegheny, Pa.	1	..	1	..	1	..	1
Belleville, Ill.	1	..	..	1	1	..	1
Cahokia, Ill.	1	..	..	1	1	..	1
Cape Girardeau, Mo.	1	..	1	..	1	..	1
Colorado Springs, Col.	1	..	..	1	1	..	1
Danville, Ill.	1	..	1	..	1	..	1
East Carondelet, Ill.	1	..	..	1	1	..	1
East St. Louis, Ill.	2	1	3	..	1	2	3
Ft. Madison, Iowa	1	1	2	..	2	..	2
Grand Tower, Ill.	..	1	..	1	1	..	1
Harrisburg, Ill.	1	..	1	..	1	..	1
Hematite, Mo.	..	1	1	..	1	..	1
Jacobston, Mo.	..	1	1	..	1	..	1
Kansas City, Mo.	1	1	2	..	2	..	2
Los Angeles, Cal.	1	..	..	1	1	..	1
Newburg, Mo.	1	..	..	1	1	..	1
New Orleans, La.	1	..	..	1	1	..	1
Phoenix, Ariz.	1	..	1	..	1	..	1
Pocahontas, Ark.	1	..	..	1	1	..	1
St. Joseph, Mo.	..	1	..	1	1	..	1
St. Louis Co., Mo.	11	9	14	6	20	..	20
St. Paul, Minn.	1	..	..	1	1	..	1
San Antonio, Texas	3	..	1	2	3	..	3
Tacoma, Wash.	..	1	1	..	1	..	1
Total	42	17	30	19	47	2	49

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TABLE No. 25.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU DURING 1903.

Furnished for the use of the Health Department by Local Forecast Official, Weather Bureau, St. Louis.

Date.	*BAROMETER.			Temperature.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE WEATHER.	Rain, Inches	Per Ct. Rel'tive Hum'ty	
Jan. 1903.	6:59 A. M.	6:59 P. M.	Daily Mean	†Max.	†Min.	Daily Mean			Prevailing Dir.	†Extreme Daily Vel. Mi			A. M.	P. M.
1	30.22	30.12	.....	43	32	38	25	28	S.	11	Part cloudy	T	70	64
2	29.81	29.72	.....	38	35	36	38	37	N. E.	16	Cloudy.	.63	100	100
3	29.90	29.90	.....	37	30	34	34	24	W.	20	Cloudy.	T	93	69
4	29.85	29.78	.....	38	26	32	23	30	S.	15	Part cloudy	T	88	74
5	29.89	30.05	.....	35	24	30	24	20	N. W.	24	Cloudy.	.06	88	70
6	29.99	29.58	.....	43	27	35	22	28	S.	25	Cloudy.	....	76	61
7	29.53	29.92	.....	44	24	34	29	18	W.	60	Cloudy.	T	85	69
8	30.12	30.10	.....	27	16	22	8	12	N. W.	41	Clear.	T	64	51
9	30.01	30.17	.....	26	18	22	17	5	N. W.	22	Clear.	....	72	44
10	30.20	29.92	.....	28	12	20	6	20	S. E.	15	Part cloudy	T	72	81
11	29.77	30.15	.....	24	9	16	14	5	W.	36	Clear.	.36	84	46
12	30.38	30.47	.....	15	3	9	4	0	W.	27	Clear.	....	66	53
13	30.39	30.24	.....	38	10	24	4	27	S.	15	Clear.	....	71	70
14	30.29	30.32	.....	35	27	31	23	23	S. W.	14	Clear.	....	78	58
15	30.19	30.12	.....	52	28	40	26	29	S. W.	21	Clear	....	84	46
16	30.05	29.94	.....	49	39	44	34	35	S. W.	22	Cloudy.	....	77	60
17	29.98	30.18	.....	45	30	38	38	28	N.	20	Part cloudy	T	94	73
18	30.35	30.38	.....	32	22	27	13	18	N.	14	Clear.	....	63	56
19	30.32	30.11	.....	39	23	31	12	20	S. E.	16	Clear.	....	59	51
20	30.01	30.02	.....	39	29	34	20	26	S.	11	Cloudy.	.01	57	65
21	30.10	30.04	.....	33	20	26	16	14	N. W.	15	Clear.	T	78	50
22	29.94	30.02	.....	49	26	38	26	29	S.	25	Clear.	....	77	68
23	30.17	29.99	.....	37	30	34	27	32	N. E.	21	Cloudy.	.16	79	89
24	29.95	30.03	.....	35	28	32	31	24	N. W.	17	Cloudy.	.26	100	69
25	30.06	29.94	.....	46	31	38	32	38	S. E.	14	Part cloudy	T	89	81
26	29.92	29.94	.....	64	39	52	35	44	S.	14	Clear.	....	74	56
27	29.93	29.90	.....	58	49	54	48	50	S.	9	Part cloudy	.28	93	89
28	29.88	29.59	.....	62	43	52	43	53	S	21	Part cloudy	T	100	81
29	29.43	29.92	.....	61	30	46	54	29	W.	40	Cloudy.	....	88	85
30	30.23	30.27	.....	44	29	36	23	25	W.	30	Clear.	....	77	46
31	30.15	29.84	.....	50	37	44	31	36	S.	24	Cloudy.	T	77	65
Avs.	30.03	30.02	.....	41	27	34	25	26	S.	.....	Total.	1.76	80	66

TABLE No. 26.

Date.	*BAROMETER.			Temperature.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE WEATHER.	Rain, Inches	Per Ct. Rel'tive Hum'ty	
Feb. 1903.	6:59 A. M.	6:59 P. M.	Daily Mean	†Max.	†Min.	Daily Mean			Prevailing Dir.	†Extreme Daily Vel. Mi			A. M.	P. M.
1	29.77	29.67	.....	62	43	52	47	56	S.	20	Cloudy.	.01	100	81
2	29.97	30.01	.....	61	41	51	38	39	N. W.	29	Part cloudy	T	82	82
3	29.77	29.33	.....	45	38	42	36	39	N. E.	31	Cloudy.	1.01	93	97
4	29.56	30.12	.....	42	23	32	20	18	W.	60	Cloudy.	.01	85	69
5	30.38	30.34	.....	36	19	28	15	23	W.	24	Clear.	T	82	58
6	30.38	30.27	.....	40	29	34	26	22	S.	10	Cloudy.	....	83	50
7	30.13	29.88	.....	38	32	35	29	33	N. E.	16	Cloudy.	.01	72	100
8	29.98	30.11	.....	36	29	32	27	28	W.	29	Part cloudy	.08	89	77
9	30.22	30.17	.....	52	30	41	27	38	S.	13	Clear.	....	81	75
10	30.09	29.83	.....	52	39	46	32	43	S.	17	Cloudy.	.05	76	86
11	29.66	29.80	.....	55	40	48	41	45	W.	27	Part cloudy	.31	98	73
12	29.89	30.02	.....	51	33	42	35	28	N.	24	Part cloudy	....	86	70
13	30.21	30.30	.....	35	32	34	28	26	N.	18	Cloudy.	.01	80	71
14	30.28	30.14	.....	36	30	33	28	32	N. E.	17	Cloudy.	.02	87	90
15	30.04	29.97	.....	33	17	25	31	18	N.	22	Cloudy.	1.21	100	92
16	30.08	30.06	.....	17	2	10	1	1	N.	24	Part cloudy	.01	76	74
17	30.20	30.03	.....	16	6	5	12	11	W.	24	Clear.	T	73	82
18	30.43	30.68	.....	23	1	11	6	1	N. W.	45	Clear.	T	73	64
19	30.67	30.45	.....	26	3	14	1	17	S.	15	Part cloudy	....	69	68
20	30.51	30.30	.....	38	18	28	14	27	S.	21	Clear.	....	77	65
21	30.40	30.57	.....	46	25	36	20	18	N. W.	28	Clear.	....	74	64
22	30.59	30.39	.....	40	20	30	12	19	S.	13	Clear.	....	71	46
23	30.34	30.46	.....	46	34	40	24	31	N. W.	21	Part cloudy	....	59	78
24	30.48	30.45	.....	36	30	33	25	25	N.	12	Cloudy.	....	76	66
25	30.48	30.37	.....	42	26	34	21	29	N. E.	15	Clear.	....	76	61
26	30.34	29.95	.....	50	33	42	28	42	E.	19	Cloudy.	.01	80	77
27	29.73	29.54	.....	61	46	54	52	45	S.	19	Cloudy.	.43	100	71
28	29.61	30.19	.....	46	27	36	33	28	W.	34	Cloudy.	T	76	94
Avs.	30.15	30.12	.....	41.1	26.1	33.6	24	28	S.	.....	Total.	3.14	81	74

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* Barometer corrected for temperature, elevation above mean sea-level, and instrumental error. T—Rainfall inappreciable. ‡ Self-registering instruments

TABLE No. 27.

Date. Mar. 1908.	*BAROMETER. 6:59 A. M.	6:59 P. M.	Daily Mean	Temperature. ‡Max.	‡Min.	Daily Mean	A. M. Dew Point.	P. M. Dew Point.	WIND. Prevailing Dir.	‡Extreme Daily Vel. Mi	AVERAGE WEATHER.	Rain, Inches	Per Ct. Rel'tive Hum'ty A. M.	P. M.
1	20.46	30.39	.....	36	20	28	14	21	S. W.	24	Clear.	....	79	54
2	30.42	30.39	.....	44	28	36	22	31	S.	19	Part cloudy	....	73	78
3	30.39	30.34	.....	44	32	38	29	33	S.	10	Cloudy.	.03	85	69
4	30.28	30.12	.....	47	42	44	36	45	S E.	13	Cloudy.	1.03	73	92
5	30.12	30.13	.....	52	45	48	47	48	N.	10	Cloudy.	T	99	88
6	30.08	29.96	.....	59	50	54	48	57	S. E.	15	Cloudy.	.27	90	92
7	29.86	30.01	.....	63	48	56	54	50	S.	36	Cloudy.	.35	93	97
8	30.23	30.25	.....	53	39	46	34	40	N.	20	Clear.	.14	83	65
9	30.23	30.14	.....	57	41	49	38	48	E.	15	Part cloudy	....	88	86
10	30.10	30.30	.....	55	49	52	49	47	N.	17	Cloudy.	.49	100	81
11	30.45	30.48	.....	51	44	48	42	43	N.	17	Cloudy.	....	93	80
12	30.36	30.22	.....	54	42	48	39	44	S. E.	10	Part cloudy	....	88	75
13	30.19	30.11	.....	64	45	54	43	41	S.	10	Part cloudy	....	92	47
14	30.18	30.16	.....	67	49	58	42	48	N.	21	Part cloudy	....	74	76
15	30.23	30.11	.....	59	41	50	42	54	N.	15	Cloudy.	T	100	91
16	30.06	29.95	.....	69	53	61	51	59	S.	13	Cloudy.	.10	94	77
17	30.01	29.98	.....	78	57	68	55	58	S.	16	Clear.	....	92	64
18	30.05	29.96	.....	76	62	69	57	58	S.	15	Part cloudy	....	84	65
19	29.97	29.92	.....	76	58	67	58	58	S.	41	Cloudy.	.03	81	79
20	30.01	30.14	.....	58	34	46	38	31	N. W.	28	Cloudy.	.66	92	82
21	30.12	29.98	.....	55	35	45	30	35	S.	12	Clear.	....	77	55
22	30.02	29.86	.....	58	40	49	31	29	S.	15	Clear.	....	68	37
23	29.83	30.03	.....	50	34	42	37	25	W.	30	Part cloudy	.03	88	53
24	30.15	30.22	.....	44	29	36	23	33	W.	29	Part cloudy	.03	77	68
25	30.38	30.27	.....	54	33	44	28	30	N. W.	12	Clear.	....	76	40
26	30.26	30.10	.....	68	42	55	30	41	S.	15	Clear	....	63	49
27	30.10	30.11	.....	61	42	52	31	42	S.	23	Cloudy.	.04	45	76
28	30.27	30.34	.....	47	38	42	35	31	N.	21	Cloudy.	....	80	59
29	30.35	30.13	.....	51	32	42	28	29	N.	21	Clear.	....	80	45
30	29.99	29.89	.....	59	38	48	31	36	N.	16	Clear.	....	75	49
31	29.97	29.90	.....	70	44	57	36	36	S.	9	Clear.	....	71	31
Avs.	30.17	30.12	.....	57	42	49	38	41	S.	.....	Total.	3.20	82	68

TABLE No. 28.

Date. Apr. 1908.	*BAROMETER. 6:59 A. M.	6:59 P. M.	Daily Mean	Temperature. ‡Max.	‡Min.	Daily Mean	A. M. Dew Point.	P. M. Dew Point.	WIND. Prevailing Dir.	‡Extreme Daily Vel. Mi	AVERAGE WEATHER.	Rain, Inches	Per Ct. Rel'tive Hum'ty A. M.	P. M.
1	29.87	29.63	.....	80	53	66	36	53	S.	29	Part cloudy	....	46	50
2	29.53	29.47	.....	85	55	70	56	58	S	29	Cloudy.	....	75	60
3	29.45	30.04	.....	55	32	44	44	32	N.	41	Cloudy.	.57	93	73
4	30.22	30.17	.....	55	37	46	30	45	W.	15	Part cloudy	....	68	52
5	30.23	29.94	.....	58	41	50	30	35	S. E.	27	Clear.	....	76	48
6	29.86	29.78	.....	66	49	58	36	52	S.	30	Cloudy.	T	58	69
7	29.90	29.75	.....	71	52	62	42	49	S.	21	Part cloudy	.09	65	54
8	29.94	29.95	.....	73	52	62	42	37	S. W.	20	Clear.	.36	69	30
9	30.08	30.02	.....	78	55	66	44	47	S.E. & S.	17	Clear.	....	58	40
10	29.94	29.73	.....	68	59	64	49	58	S.	32	Cloudy.	.33	69	84
11	29.74	29.67	.....	83	60	72	57	62	S.	24	Part cloudy	.27	82	60
12	29.67	29.65	.....	82	58	70	61	62	S.	30	Part cloudy	.20	81	85
13	29.60	29.60	.....	59	44	52	47	42	N. W.	30	Cloudy.	.24	90	86
14	29.63	29.72	.....	44	41	42	38	38	N. W.	29	Cloudy.	.18	86	85
15	29.80	29.90	.....	47	41	44	37	40	N. W.	20	Cloudy.	T	84	80
16	29.99	30.03	.....	60	44	52	40	42	N.	20	Part cloudy	.02	87	57
17	30.16	29.99	.....	64	44	54	35	38	N.	15	Clear.	....	72	44
18	29.89	29.62	.....	72	51	62	29	45	S.	28	Cloudy.	....	60	46
19	29.57	29.53	.....	70	54	62	49	51	S.	38	Cloudy.	.22	77	82
20	29.86	29.96	.....	65	52	58	47	46	N.	22	Cloudy	.17	83	55
21	30.01	30.05	.....	63	47	55	42	37	W & NW	29	Part cloudy	....	69	56
22	30.08	30.08	.....	54	42	48	35	34	N.	29	Part cloudy	....	70	48
23	30.15	30.02	.....	63	43	53	33	37	S.	12	Clear.	....	62	43
24	29.89	29.84	.....	67	51	59	40	55	S.	30	Cloudy.	.05	60	70
25	30.02	30.13	.....	56	44	50	41	40	N. W.	24	Cloudy.	.01	77	80
26	30.22	30.13	.....	63	40	52	31	31	N.	15	Clear.	....	63	33
27	30.23	30.08	.....	71	48	60	34	41	S.E. & S.	19	Clear.	....	52	40
28	30.17	30.08	.....	82	55	68	43	48	S.	21	Clear.	....	61	39
29	30.09	29.90	.....	81	60	70	48	54	S.	21	Clear.	....	55	47
30	30.03	30.35	.....	70	40	55	35	34	W	51	Cloudy.	.08	72	64
Avs.	29.93	29.89	.....	66.8	48.1	57.4	41.5	44.4	S.	.....	Total.	2.79	70.7	58.6

* Barometer corrected for temperature, elevation above mean sea-level, and instrumental error. T—Rainfall inappreciable. ‡ Self-registering instruments.

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TABLE No. 29.

Date.	*BAROMETER.			Temperature.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE WEATHER.	Rain, Inches	Per Ct. Rel'tive Hum'ty	
May 1903.	6:59 A. M.	6:59 P. M.	Daily Mean	†Max.	†Min.	Daily Mean			Prevailing Dir.	†Extreme Daily Vel. Mi			A. M.	P. M.
1	30.44	30.19	.....	59	39	49	36	33	S. E.	20	Clear.	....	74	43
2	30.10	29.94	.....	70	43	56	35	45	S.	28	Part cloudy	....	71	58
3	30.18	30.22	.....	59	47	53	39	32	N. W.	22	Clear.	.04	72	39
4	30.24	30.06	.....	71	46	58	38	39	S.	12	Clear.	....	67	37
5	30.08	30.02	.....	63	53	58	40	48	S.	28	Cloudy.	.04	55	60
6	30.04	30.04	.....	62	54	58	52	52	N & NE	12	Cloudy.	.09	85	77
7	30.08	29.96	.....	71	55	63	48	53	N. E.	20	Part cloudy	T	74	56
8	30.01	29.88	.....	76	55	66	44	53	E.	12	Clear.	....	61	49
9	29.99	29.93	.....	80	62	71	53	50	S. W.	15	Part cloudy	....	66	44
10	29.96	29.87	.....	80	63	72	55	53	S.	16	Cloudy.	....	65	48
11	29.98	29.90	.....	78	64	71	54	55	S.	24	Cloudy.	....	66	56
12	29.98	30.00	.....	76	64	70	57	60	S. E.	22	Cloudy.	.03	73	83
13	30.06	29.99	.....	71	62	66	60	60	E.	16	Cloudy.	.21	90	78
14	29.97	29.88	.....	77	61	69	57	55	N. E.	16	Cloudy.	.03	79	53
15	29.98	29.89	.....	82	60	71	55	58	N. E.	12	Part cloudy	T	83	52
16	29.99	29.94	.....	86	65	75	55	58	S.	29	Part cloudy	....	61	52
17	30.04	29.96	.....	84	66	75	62	61	S.	20	Part cloudy	....	77	55
18	30.00	29.88	.....	78	60	69	63	66	S.	18	Cloudy.	.17	88	76
19	29.86	29.88	.....	84	66	75	60	61	S.	21	Part cloudy	.04	78	53
20	29.99	29.96	.....	80	66	73	67	64	S.	18	Cloudy.	.41	95	66
21	29.94	29.87	.....	83	67	75	64	67	S.	26	Cloudy.	.06	82	69
22	29.92	29.89	.....	92	70	81	66	63	S.	19	Clear.	....	82	50
23	29.98	29.90	.....	88	68	78	63	64	S.	30	Part cloudy	....	73	53
24	29.97	29.97	.....	82	71	76	63	63	S.	22	Cloudy.	T	73	71
25	30.00	29.94	.....	84	69	76	55	64	S.	20	Part cloudy	.01	56	72
26	29.90	29.76	.....	83	70	76	62	67	S.	22	Cloudy.	T	69	67
27	29.71	29.88	.....	80	68	74	61	52	S.	43	Clear.	.13	75	43
28	30.03	29.93	.....	84	65	74	56	60	S.	40	Part cloudy	....	71	69
29	29.95	29.85	.....	80	65	72	63	64	S. E.	16	Cloudy.	.40	92	72
30	29.88	29.82	.....	79	63	71	61	64	S. E.	30	Cloudy.	T	85	68
31	29.86	29.79	.....	66	58	62	55	63	N. E.	24	Cloudy.	.42	91	92
Avs.	30.00	29.94	.....	77	61	68.9	54.8	56.4	S.	.....	Total.	2.08	75.2	59.8

TABLE No. 30.

Date.	*BAROMETER.			Temperature.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE WEATHER.	Rain, Inches	Per Ct. Rel'tive Hum'ty	
Jun. 1903.	6:59 A. M.	6:59 P. M.	Daily Mean	†Max.	†Min.	Daily Mean			Prevailing Dir.	†Extreme Daily Vel. Mi			A. M.	P. M.
1	29.87	29.88	.....	72	62	67	60	61	E.	15	Cloudy.	3.55	87	92
2	30.00	30.05	.....	73	61	67	60	60	E. &S.E.	11	Cloudy.	T	87	72
3	30.11	30.06	.....	73	63	68	57	60	S. E.	15	Cloudy.	T	75	85
4	30.11	30.08	.....	76	61	68	58	59	S. E.	17	Cloudy.	.07	84	72
5	30.12	30.09	.....	75	62	68	58	59	S. E.	15	Cloudy.	.16	81	76
6	30.14	30.05	.....	78	60	69	60	60	N. W.	15	Clear.	.07	85	60
7	30.06	29.95	.....	82	65	74	60	58	N. W.	15	Clear.	....	74	50
8	29.97	29.86	.....	85	65	75	64	58	W.	30	Part cloudy	....	86	45
9	29.97	29.99	.....	77	66	72	58	50	N. W.	17	Clear.	T	76	45
10	30.17	30.17	.....	73	61	67	56	48	N. W.	20	Clear.	....	79	48
11	29.90	30.18	.....	67	51	59	47	42	N.	29	Part cloudy	....	73	46
12	30.24	30.09	.....	62	50	56	38	43	N.	21	Clear.	....	58	50
13	30.06	29.95	.....	75	53	64	44	44	N. W.	16	Clear.	....	58	38
14	30.00	29.94	.....	81	60	70	47	49	N. W.	19	Clear.	....	52	37
15	30.00	29.94	.....	83	63	73	50	48	N. W.	18	Clear.	....	51	32
16	29.96	29.90	.....	86	67	76	54	59	N. W.	20	Clear.	....	52	51
17	30.06	29.99	.....	76	60	68	41	43	N. E.	17	Clear.	....	43	34
18	29.97	29.83	.....	84	64	74	54	54	S.	12	Clear.	....	66	39
19	29.80	29.69	.....	86	66	76	62	63	W.	21	Part cloudy	.06	81	54
20	29.77	29.78	.....	82	66	74	61	62	N.	16	Part cloudy	....	85	63
21	29.86	29.67	.....	84	65	74	59	63	N. E.	24	Part cloudy	....	76	56
22	29.69	29.79	.....	71	65	68	60	56	N. W.	25	Cloudy.	1.24	78	62
23	29.88	29.84	.....	78	60	69	55	48	N. W.	16	Clear.	....	73	40
24	29.85	29.85	.....	79	64	72	56	51	N. E.	13	Part cloudy	T	67	40
25	29.93	29.92	.....	81	66	74	56	50	N. E.	16	Part cloudy	....	62	38
26	29.93	29.90	.....	72	64	68	54	61	N.	16	Cloudy.	.34	68	85
27	29.87	29.81	.....	72	62	67	60	62	N.	21	Cloudy.	.22	94	73
28	29.84	29.76	.....	83	64	74	60	58	S. W.	13	Part cloudy	....	74	53
29	29.85	29.83	.....	88	68	78	57	61	S.	16	Part cloudy	....	64	45
30	29.93	29.84	.....	90	73	82	65	67	S.	27	Part cloudy	....	70	54
Avs.	29.98	29.92	.....	78	63	70	56	55	N. W.	.....	Total.	5.71	72	54

* Barometer corrected for temperature, elevation above mean sea-level, and instrumental error. T—Rainfall inappreciable. † Self-registering instruments

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TABLE No. 31.

Date.	*BAROMETER.			Temperature.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE WEATHER.	Rain, Inches	Per Ct. Rel'tive Hum'ty	
Jul. 1908.	6:59 A. M.	6:59 P. M.	Daily Mean	‡Max.	‡Min.	Daily Mean			Prevailing Dir.	‡Extreme Daily Vel. Mi			A. M.	P. M.
1	29.85	29.79	.....	93	75	84	68	69	S.	29	Clear.	....	72	52
2	29.89	29.85	.....	89	77	83	70	69	S.	21	Part cloudy	....	73	56
3	29.99	29.88	.....	91	76	84	71	68	S.	16	Cloudy.	T	83	56
4	29.93	29.97	.....	90	77	84	71	66	S.	25	Cloudy.	T	72	63
5	30.16	30.10	.....	84	71	78	60	57	N.	13	Clear.	....	67	42
6	30.18	30.07	.....	90	72	81	61	56	E.	10	Clear.	....	61	37
7	30.10	30.00	.....	91	75	83	68	63	S.	8	Cloudy.	....	71	43
8	30.06	29.99	.....	96	78	87	70	72	S.	21	Clear.	....	70	59
9	30.04	29.92	.....	98	77	88	72	71	S.	14	Clear.	....	76	50
10	29.99	29.91	.....	96	75	86	72	73	S.	20	Part cloudy	.30	70	61
11	29.93	29.84	.....	94	77	84	69	69	N.	29	Part cloudy	.05	65	68
12	29.90	29.91	.....	85	72	78	68	56	N.	25	Part cloudy	.12	86	42
13	30.06	29.99	.....	81	65	73	54	49	N. W.	19	Clear.	....	61	37
14	30.04	29.95	.....	83	67	75	51	63	S.	10	Part cloudy	T	51	54
15	30.00	29.94	.....	87	73	80	68	64	S.	28	Cloudy.	....	80	50
16	29.94	29.92	.....	85	69	77	71	69	S.	22	Part cloudy	.01	89	66
17	29.90	29.65	.....	93	73	83	72	69	S.	30	Part cloudy	.18	93	53
18	29.85	29.90	.....	83	71	77	70	62	N. W.	32	Part cloudy	.56	85	54
19	29.97	29.91	.....	86	68	77	60	56	W.	22	Clear.	....	69	39
20	29.98	29.95	.....	87	70	78	55	57	N. W.	17	Clear.	....	54	39
21	29.92	29.88	.....	91	75	83	63	67	W.	39	Part cloudy	T	66	53
22	30.02	30.06	.....	86	72	79	59	58	N. W.	17	Part cloudy	....	61	47
23	30.09	30.05	.....	87	72	80	59	58	N. E.	13	Part cloudy	T	60	41
24	30.12	30.03	.....	95	70	80	59	59	E.	12	Clear.	....	63	40
25	30.13	30.06	.....	95	72	84	59	61	S.	15	Clear.	....	60	37
26	30.18	30.06	.....	94	76	85	68	69	S. W.	12	Clear.	....	71	52
27	30.09	29.96	.....	93	76	84	67	64	S. W.	12	Clear.	T	68	43
28	29.94	29.82	.....	94	78	86	69	68	S. W.	18	Part cloudy	T	68	56
29	29.85	29.81	.....	86	72	79	69	72	S. W.	31	Cloudy.	1.46	75	90
30	29.99	30.00	.....	79	70	74	63	57	N.	19	Cloudy.	T	73	56
31	30.10	30.08	.....	77	66	72	56	56	N. E.	15	Cloudy.	T	67	50
Avs.	30.01	29.94	.....	89	73	81	65	64	S.	.....	Total.	2.68	70	51

TABLE No. 32.

Date.	*BAROMETER.			Temperature.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE WEATHER.	Rain, Inches	Per Ct. Rel'tive Hum'ty	
Aug. 1908.	6:59 A. M.	6:59 P. M.	Daily Mean	‡Max.	‡Min.	Daily Mean			Prevailing Dir.	‡Extreme Daily Vel. Mi			A. M.	P. M.
1	30.12	30.09	.....	80	66	73	61	64	S. E.	18	Part cloudy	.02	78	63
2	30.22	30.19	.....	92	72	82	65	70	S.	29	Cloudy.	.15	74	72
3	30.26	30.03	.....	94	74	84	68	69	S.	15	Clear.	....	74	52
4	30.02	29.91	.....	94	77	86	69	70	S. W.	18	Clear.	.04	73	65
5	29.90	29.89	.....	94	68	81	70	65	S. W.	52	Part cloudy	.37	75	76
6	30.00	29.99	.....	84	71	78	66	61	N.	19	Part cloudy	.02	82	52
7	30.14	30.04	.....	80	65	72	56	56	N.	12	Clear.	....	71	47
8	29.88	29.80	.....	82	68	75	59	67	N. W.	18	Cloudy.	.01	74	68
9	29.90	29.84	.....	84	67	76	63	57	N. W.	12	Part cloudy	....	82	44
10	29.92	29.90	.....	88	69	78	63	66	W.	28	Part cloudy	T	71	58
11	30.06	30.01	.....	81	65	73	54	62	N.	17	Part cloudy	.48	61	50
12	30.08	30.00	.....	77	63	70	60	66	S. E.	21	Cloudy.	.77	83	74
13	29.97	29.95	.....	76	68	72	65	66	S.	14	Cloudy.	.97	83	84
14	30.04	30.00	.....	84	65	74	65	71	E.	10	Part cloudy	....	92	69
15	30.00	29.92	.....	85	71	78	68	73	S.	19	Part cloudy	.36	89	79
16	30.00	30.00	.....	75	68	72	69	68	N.	15	Cloudy.	....	100	78
17	30.04	29.98	.....	83	67	75	63	61	N. E.	19	Clear.	....	86	57
18	29.96	29.86	.....	84	66	75	58	60	N. E.	15	Clear.	....	74	49
19	29.89	29.84	.....	85	70	78	62	65	N.	29	Clear.	T	73	62
20	29.98	29.97	.....	81	65	73	59	57	N. E.	13	Clear.	....	78	47
21	30.04	29.92	.....	86	66	76	56	55	S. W.	16	Clear.	....	66	40
22	29.99	29.88	.....	89	67	78	58	59	S. W.	19	Clear.	....	68	42
23	29.94	29.84	.....	93	70	82	64	70	S. W.	21	Clear.	....	73	55
24	29.94	29.89	.....	95	77	86	70	67	S. W.	24	Clear.	....	75	47
25	29.97	29.95	.....	89	78	84	70	72	S. W.	24	Cloudy.	....	73	68
26	30.00	29.87	.....	88	69	78	71	77	S.	30	Part cloudy	2.15	93	77
27	29.85	29.76	.....	92	72	82	72	72	S. W.	31	Cloudy.	T	87	81
28	29.87	29.87	.....	85	69	77	69	60	S. W.	27	Part cloudy	.63	95	50
29	29.92	29.95	.....	74	67	70	58	60	N. W.	22	Part cloudy	....	72	72
30	30.02	30.00	.....	73	62	68	58	55	N. W.	21	Part cloudy	....	82	61
31	30.09	30.06	.....	70	57	64	54	56	N. W.	15	Cloudy.	....	83	65
Avs.	30.00	29.94	.....	84.4	68.4	76.4	63	64	S. W.	.....	Total.	5.97	78	62

* Barometer corrected for temperature, elevation above mean sea-level, and instrumental error. T—Rainfall inappreciable. ‡ Self-registering instruments.

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TABLE No. 33.

Date.	*BAROMETER.			Temperature.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE WEATHER.	Rain, Inches	Per Ct. Rel'tive Hum'ty	
Sep. 1903.	6:59 A. M.	6:59 P. M.	Daily Mean	†Max.	†Min.	Daily Mean			Prevailing Dir.	†Extreme Daily Vel. Mi.			A. M.	P. M.
1	30.12	30.09	.....	76	61	68	58	57	N. E.	12	Clear.	....	86	58
2	30.19	30.10	.....	81	62	72	60	53	S. E.	9	Clear.	....	89	41
3	30.12	30.03	.....	86	66	76	59	64	S. W.	15	Clear.	....	75	54
4	30.08	30.02	.....	88	68	78	59	67	S. W.	15	Part cloudy	....	68	58
5	30.08	30.04	.....	79	64	72	64	65	N. E.	30	Part cloudy	....	97	71
6	30.09	29.90	.....	88	64	76	64	73	S. E.	16	Part cloudy	....	97	71
7	29.92	29.78	.....	92	70	81	65	68	S.	30	Clear.	....	78	57
8	29.93	29.96	.....	80	68	84	69	68	S.	31	Cloudy.	.98	78	84
9	30.05	29.88	.....	88	71	80	66	69	S.	26	Part cloudy	.05	82	64
10	29.99	30.04	.....	78	61	70	64	63	S. E.	29	Cloudy.	.45	92	90
11	30.06	29.99	.....	87	64	76	66	74	S. E.	20	Part cloudy	....	100	76
12	29.97	29.90	.....	83	71	77	66	72	S.	31	Cloudy.	....	83	76
13	30.00	29.96	.....	84	72	78	71	73	S. W.	16	Part cloudy	T	91	94
14	30.00	29.94	.....	89	73	81	71	72	S.	21	Part cloudy	....	91	91
15	29.99	29.98	.....	86	63	74	68	73	S. W.	24	Cloudy.	1.06	84	95
16	30.13	30.14	.....	63	48	56	52	47	N.	21	Cloudy.	.43	97	93
17	30.23	30.22	.....	60	45	52	42	49	N. W.	20	Part cloudy	T	89	72
18	30.32	30.22	.....	65	48	56	44	50	S. E.	12	Clear.	....	78	68
19	30.28	30.17	.....	75	54	64	47	57	S.	17	Clear.	....	79	67
20	30.25	30.17	.....	79	55	67	54	60	S.	15	Clear.	....	88	63
21	30.29	30.22	.....	80	58	69	55	58	S.	10	Clear.	....	83	54
22	30.29	30.17	.....	83	63	73	56	56	S.	10	Clear.	....	74	45
23	30.14	30.06	.....	81	59	70	52	45	S. W.	30	Part cloudy	....	65	48
24	30.20	30.07	.....	65	48	56	41	51	N. E.	20	Clear.	....	76	63
25	30.02	29.86	.....	79	53	66	44	57	S.	22	Clear	....	70	60
26	29.86	29.92	.....	83	55	69	56	58	S. W.	40	Cloudy.	T	73	97
27	30.20	30.22	.....	66	48	57	45	47	N. W.	22	Clear.	.09	90	55
28	30.31	30.24	.....	73	53	63	46	66	S.	13	Clear.	....	76	90
29	30.26	30.17	.....	75	55	65	46	53	S. E.	19	Cloudy.	T	66	55
30	30.08	30.06	.....	77	64	70	55	69	S.	31	Cloudy.	T	70	84
										.....	Total.	3.06	82.1	69.9
Avs.	30.12	30.05	.....	79.0	60.1	69.6	56.8	61.1	S.					

TABLE No. 34.

Date.	*BAROMETER.			Temperature.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE WEATHER.	Rain, Inches	Per Ct. Rel'tive Hum'ty	
Oct. 1903.	6:59 A. M.	6:59 P. M.	Daily Mean	†Max.	†Min.	Daily Mean			Prevailing Dir.	†Extreme Daily Vel. Mi			A. M.	P. M.
1	30.13	30.14	.....	76	66	71	64	68	S. W.	21	Part cloudy	.02	92	95
2	30.23	30.09	.....	82	62	72	62	71	S.	14	Part cloudy	....	100	79
3	30.04	29.93	.....	87	69	78	67	76	S. W.	35	Part cloudy	....	90	91
4	30.00	30.04	.....	76	65	70	66	65	N. E.	15	Cloudy.	.08	93	88
5	30.12	30.01	.....	74	63	68	62	68	S. E.	10	Cloudy.	.04	97	90
6	29.89	29.60	.....	80	65	72	63	68	S.	39	Cloudy.	....	92	82
7	29.57	29.88	.....	74	55	64	59	49	N. W.	50	Part cloudy	.98	100	64
8	29.98	30.12	.....	62	52	57	42	50	N. W.	33	Clear.	....	68	72
9	30.27	30.26	.....	60	48	54	43	48	N. E.	16	Clear.	....	81	71
10	30.31	30.15	.....	63	44	54	40	49	E.	12	Clear.	....	85	68
11	30.13	30.05	.....	64	46	55	42	49	E.	14	Clear.	....	86	64
12	30.11	30.07	.....	67	48	58	46	54	E.	13	Clear.	....	93	76
13	30.09	30.01	.....	74	50	62	50	56	E.	12	Clear.	....	93	65
14	29.91	29.82	.....	69	56	62	52	50	S. W.	21	Cloudy.	.02	83	60
15	29.77	29.86	.....	66	55	60	54	56	W.	21	Cloudy.	.22	97	74
16	29.97	29.92	.....	64	52	58	50	51	W & SW	16	Part cloudy	....	91	80
17	30.01	30.22	.....	52	47	50	31	38	N. W.	38	Part cloudy	....	53	64
18	30.32	30.13	.....	60	38	49	34	41	S. W.	21	Clear.	....	87	56
19	30.02	29.92	.....	75	46	60	39	49	S. W.	23	Clear	....	75	46
20	29.97	30.06	.....	75	57	66	48	49	W. & N	20	Clear.	....	72	47
21	30.11	30.06	.....	77	52	64	46	50	S.	10	Clear.	....	80	49
22	30.07	30.24	.....	64	45	54	52	40	N	29	Part cloudy	....	80	59
23	30.36	30.31	.....	55	41	48	36	37	N.	15	Clear.	....	84	57
24	30.40	30.26	.....	52	35	44	29	32	N. E.	15	Clear.	....	78	51
25	30.15	30.14	.....	74	40	57	33	41	S. W.	23	Clear.	....	72	47
26	30.42	30.49	.....	57	43	50	34	32	N. E.	16	Clear.	....	71	49
27	30.56	30.43	.....	57	36	46	30	38	S. E.	12	Clear.	....	78	60
28	30.38	30.27	.....	64	42	53	36	30	S. E.	12	Clear.	....	80	34
29	30.23	30.12	.....	64	46	55	30	58	S. E.	15	Part cloudy	T	52	94
30	30.12	30.06	.....	70	52	61	46	51	S. E.	16	Part cloudy	.01	80	63
31	30.10	30.12	.....	72	54	63	50	54	S. E.	14	Clear.	....	85	71
Avs.	30.12	30.09	.....	67.8	50.6	59.2	46.3	50.6	S. W.	.....	Total.	1.37	82.9	66.6

* Barometer corrected for temperature, elevation above mean sea-level, and instrumental error. T—Rainfall inappreciable. ‡ Self-registering instruments.

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TABLE No. 35.

Date.	*BAROMETER.			Temperature.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE WEATHER.	Rain, Inches	Per Ct. Rel'tive Hum'ty	
Nov. 1903.	6:59 A. M.	6:59 P. M.	Daily Mean	†Max.	†Min.	Daily Mean			Prevailing Dir.	†Extreme Daily Vel. Mi			A. M.	P. M.
1	30.11	30.07	.....	68	55	62	52	58	E.	21	Cloudy.	.24	91	82
2	30.05	30.10	.....	70	60	65	60	59	S. E.	14	Part cloudy	.12	97	82
3	30.16	30.12	.....	71	54	62	51	61	S. E.	9	Clear.	....	82	80
4	30.02	29.93	.....	67	52	60	51	53	E.	16	Part cloudy	.02	91	72
5	29.94	30.09	.....	57	39	48	50	42	N.	30	Cloudy.	.06	88	93
6	30.25	30.29	.....	46	32	39	51	40	E	16	Clear.	....	90	85
7	30.36	30.26	.....	51	33	42	26	38	S. E.	16	Clear.	....	71	75
8	30.23	30.12	.....	63	38	50	35	38	S. E.	20	Clear.	....	87	54
9	30.06	30.04	.....	66	45	56	39	42	S.	33	Part cloudy	T	75	72
10	30.05	29.73	.....	58	39	48	35	46	S. E.	25	Part cloudy	....	84	68
11	29.57	29.86	.....	63	40	52	42	30	W.	55	Part cloudy	.06	86	56
12	29.84	29.83	.....	65	37	51	32	36	S. W.	40	Clear.	....	66	44
13	30.05	30.07	.....	49	37	43	34	32	E.	22	Cloudy.	T	87	66
14	30.30	30.26	.....	48	32	40	32	42	E.	19	Part cloudy	....	95	92
15	30.04	29.71	.....	68	37	52	38	54	S. E.	28	Part cloudy	....	88	75
16	29.68	30.00	.....	68	31	50	56	33	N. W.	34	Cloudy.	T	97	83
17	30.26	30.46	.....	31	20	26	20	21	N. W.	33	Clear.	....	92	93
18	30.58	30.57	.....	28	14	21	12	12	N. W.	32	Clear.	....	90	51
19	30.64	30.60	.....	34	19	26	12	16	W.	10	Clear.	....	74	45
20	30.64	30.56	.....	41	26	34	22	18	S. E.	16	Part cloudy	....	81	43
21	30.47	30.27	.....	48	28	38	20	20	S. W.	18	Clear.	....	70	34
22	30.20	30.01	.....	53	39	46	17	32	S. W.	22	Part cloudy	....	33	49
23	29.96	30.11	.....	54	30	42	36	28	N. W.	30	Clear.	....	68	53
24	30.26	30.27	.....	34	26	30	20	29	N. E.	13	Cloudy.	T	70	100
25	30.28	30.32	.....	34	27	30	27	25	N. E.	19	Cloudy.	.12	94	78
26	30.44	30.43	.....	27	16	22	14	11	N.	19	Clear.	....	84	61
27	30.35	30.09	.....	35	19	27	13	21	S.	20	Clear.	....	70	60
28	29.60	29.90	.....	41	29	35	20	29	N. W.	60	Part cloudy	....	62	73
29	29.88	30.04	.....	36	26	31	25	20	N. W.	38	Cloudy.	T	69	67
30	30.20	30.13	.....	31	22	26	16	22	N. W.	22	Part cloudy	T	72	72
Avs	30.149	30.141	.....	50.2	33.4	41.8	31.3	33.6	S. E.	.....	Total.	06.1	80.1	68.6

TABLE No. 36.

Date.	*BAROMETER.			Temperature.			A. M. Dew Point.	P. M. Dew Point.	WIND.		AVERAGE WEATHER.	Rain, Inches	Per Ct. Rel'tive Hum'ty	
Dec. 1903.	6:59 A. M.	6:59 P. M.	Daily Mean	†Max.	†Min.	Daily Mean			Prevailing Dir.	†Extreme Daily Vel. Mi			A. M.	P. M.
1	30.14	30.18	.....	33	25	29	23	22	N. E.	19	Cloudy.	T	85	72
2	30.19	29.98	.....	36	26	31	20	20	S. E.	21	Clear.	....	75	56
3	29.98	30.03	.....	50	30	40	22	27	S. W.	20	Clear.	....	70	46
4	30.16	30.23	.....	38	24	31	20	18	W.	31	Part cloudy	T	65	60
5	30.33	30.41	.....	30	20	25	12	21	W.	17	Part cloudy	....	67	71
6	30.44	30.18	.....	42	19	30	12	12	S. W.	26	Clear.	....	71	30
7	30.05	30.09	.....	47	33	40	20	18	N. W.	21	Clear.	....	48	38
8	30.10	30.01	.....	35	23	29	11	20	N. E.	12	Part cloudy	....	55	58
9	29.77	29.72	.....	32	26	29	20	28	N. W.	30	Cloudy.	.03	75	94
10	29.90	29.99	.....	26	14	20	12	21	W.	34	Cloudy.	T	82	87
11	30.13	30.01	.....	35	23	29	20	22	S. E.	20	Part cloudy	T	84	64
12	29.67	29.98	.....	51	11	31	43	22	S.	50	Cloudy.	.59	85	100
13	30.52	30.56	.....	13	1	7	15	4	N & NE	30	Part cloudy	.01	39	70
14	30.64	30.58	.....	20	9	14	6	10	N. E.	14	Clear.	....	84	68
15	30.56	30.35	.....	28	11	20	2	15	S. E.	15	Clear.	....	57	67
16	30.12	30.21	.....	35	24	30	20	24	N. E.	20	Clear.	....	74	75
17	30.37	30.29	.....	33	15	24	3	22	S. E.	14	Clear.	....	55	68
18	30.20	30.02	.....	46	24	35	13	31	S. E.	21	Cloudy.	T	60	58
19	29.85	29.73	.....	48	29	38	41	31	S	31	Cloudy.	.15	89	90
20	29.97	30.03	.....	42	27	34	22	27	W.	37	Clear.	.02	72	63
21	29.83	29.98	.....	52	33	42	27	28	S. W.	26	Part cloudy	T	60	49
22	30.27	30.29	.....	41	25	33	13	23	N. W.	18	Clear.	....	48	54
23	30.26	30.09	.....	47	35	41	29	32	S. E.	16	Cloudy.	T	67	64
24	29.90	30.00	.....	44	36	40	42	32	N. W.	23	Part cloudy	.45	98	69
25	29.92	30.10	.....	42	8	25	22	2	N. W.	58	Clear.	T	72	40
26	30.37	30.16	.....	24	3	14	4	6	S. W.	26	Clear.	....	66	41
27	29.94	30.12	.....	48	23	36	20	29	N. W.	36	Clear.	....	50	56
28	30.23	30.02	.....	45	24	34	18	28	S. E.	41	Part cloudy	....	69	58
29	30.14	30.28	.....	38	16	27	23	16	N. W.	31	Part cloudy	T	63	58
30	30.43	30.20	.....	37	9	23	3	24	N. E.	20	Clear.	....	68	69
31	30.18	29.90	.....	56	26	41	22	31	S.	24	Clear.	....	76	45
Avs.	30.15	30.12	.....	38.5	21.0	29.8	17.5	21.4	N. W.	.....	Total.	1.25	68.7	62.5

* Barometer corrected for temperature, elevation above mean sea-level, and instrumental error. T—Rainfall inappreciable. ‡ Self-registering Instruments.

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TABLE No. 37.

SHOWING NUMBER OF VACCINE POINTS PURCHASED—H. K. MULFORD CO.

Month		Month	
1903—April	750	November	1700
May	750	December	900
June	1250	1904—January	1400
July	700	February	900
August	800	March	1200
September	2400		
October	3500	Total for the year	16250

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TABLE No. 38.

SHOWING NUMBER OF DEATH AND BIRTH CERTIFICATES.

MONTH.	Deaths.	Births.	Total.
1903—April	92	8	100
May	119	13	132
June	96	2	98
July	82	3	85
August	103	5	108
September	87	0	87
October	101	1	102
November	122	0	122
December	76	6	82
1904—January	82	6	88
February	114	0	114
March	157	1	158
Total	1231	45	1276

Total receipts at $1.00 for each certificate, $1,276.00.

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II.

SANITARY DIVISION.

Presenting tables, etc., as follows:

Table No. 1.—Showing record of communicable diseases.
Table No. 2.—Showing cases and deaths from smallpox by districts.
Table No. 3.—Showing cases and deaths from diphtheria by districts.
Table No. 4.—Showing cases and deaths from scarlet fever by districts.
Table No. 5.—Showing cases and deaths from croup by districts.
Table No. 6.—Showing cases and deaths from typhoid fever by districts.
Table No. 7.—Showing cases and deaths from diphtheria and croup from Jan. 1, 1886, to April 1, 1904.
Table No. 8.—Showing sanitary conditions of premises where diphtheria existed.
Table No. 9.—Showing sanitary conditions of premises where scarlet fever existed.
Table No. 10.—Showing sanitary conditions of premises where typhoid fever existed.
Table No. 11.—Showing number of houses examined, posted and disinfected.
Table No. 12.—Showing boundaries of sanitary districts.
Table No. 13.—Statistics relating to typhoid fever during past 54 years.
Table No. 14.—Showing cases and deaths of contagious diseases during past 54 years.
Table No. 15.—Showing cases and deaths of small pox, also vaccination record, during past 54 years.
Table No. 16.—Showing number of nuisances found by sanitary officers.
Table No. 17.—Showing miscellaneous matter; also complaints for non-collection of garbage.
Table No. 18.—Showing status and condition of dairies by districts.
Table No. 19.—Showing summary of appropriations, expenditures and unexpended balances.
Table No. 20.—Showing appropriation for salaries of Chief Clerk, Sanitary Officers, Inspectors and Fumigators.
Table No. 21.—Showing appropriation for office expenses, printing, stationery, keeping horses, etc.
Table No. 22.—Showing appropriation for horses and wagons.
Table No. 23.—Showing appropriations for disinfectants.

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TABLE NO 1.

RECORD OF COMMUNICABLE DISEASES.

1903-1904. MONTHS.	Small-pox.		Diphtheria.		Scarlet Fever.		Croup.		Typhoid Fever.		Cerebro Spinal Fever.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
April	27	0	117	21	112	6	7	2	79	17	1	0	343	46
May	41	0	78	16	145	9	7	2	86	15	4	2	361	44
June	30	0	89	9	142	11	4	2	90	16	5	5	360	43
July	13	0	31	9	61	6	3	1	189	26	1	1	298	43
August	11	0	42	4	49	5	1	0	221	37	2	0	326	46
September	3	0	62	4	88	4	3	1	261	42	0	0	416	51
October	4	0	100	10	124	8	10	5	183	30	1	1	423	54
November	0	0	110	10	145	9	5	2	131	23	4	3	395	47
December	7	0	104	18	173	15	17	10	119	31	1	1	421	75
January	35	0	98	7	125	13	9	4	65	19	2	1	334	44
February	35	1	68	7	113	15	12	4	37	7	0	0	265	34
March	47	0	66	11	83	7	7	3	61	20	3	2	266	43
Total	253	1	905	126	1360	108	84	36	1522	283	23	16	4207	570

TABLE NO. 1.—Continued.

1903-1904. MONTHS.	Erysipelas.		Measles.		Whooping cough.		Chicken-pox.		Puerperal fever.		Total	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
April	34	5	486	34	20	8	6	0	1	1	547	48
May	7	2	361	49	16	6	14	0	2	2	400	59
June	9	1	154	27	22	12	6	0	5	4	196	44
July	4	0	29	5	28	14	0	0	3	3	64	22
August	12	2	11	2	21	12	2	0	3	2	49	18
September	3	0	3	1	12	4	2	0	3	3	23	8
October	4	1	6	0	11	6	5	0	3	2	29	9
November	10	3	7	0	1	1	20	0	4	4	42	8
December	35	7	21	0	5	2	30	0	2	2	93	11
January	26	2	33	0	1	1	28	0	8	7	96	10
February	21	5	70	1	9	5	32	0	3	3	129	14
March	41	13	74	4	18	5	14	0	10	10	157	32
Total	210	41	256	123	164	76	149	0	47	43	1825	283

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TABLE NO. 2.

CASES AND DEATHS FROM SMALL-POX BY DISTRICTS.

1903-1904. DISTRICTS.	Apr.		May.		Jun.		Jul.		Aug.		Sep.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	4	0
2	3	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	1	0	12	0
3	6	0	12	0	11	0	6	0	1	0	0	0	1	0	0	0	0	0	8	0	8	0	16	0	70	0
4	1	0	5	0	6	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	3	0	10	0	28	0
5	2	0	3	0	3	0	2	0	6	0	0	0	0	0	0	0	5	0	14	0	7	1	4	0	46	1
6	9	0	7	0	4	0	4	0	3	0	2	0	0	0	0	0	1	0	5	0	6	0	18	0	49	0
7	1	0	4	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	4	0	1	0	15	0
No home	5	0	6	0	4	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	0	0	4	0	23	0
Developed at Quarantine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	6	0
Total	27	0	41	0	30	0	13	0	11	0	3	0	4	0	0	0	7	0	35	0	35	1	47	0	253	1

*All deaths occurred at Quarantine.

TABLE NO. 3.

CASES AND DEATHS FROM DIPHTHERIA BY DISTRICTS.

1903-1904. DISTRICTS.	Apr.		May.		Jun.		Jul.		Aug.		Sep.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths
1	9	3	3	1	4	0	0	0	4	0	4	0	6	2	4	0	15	2	15	2	9	1	6	1	79	13
2	21	2	4	0	12	1	3	0	1	0	12	0	15	2	7	0	22	5	9	0	12	2	12	2	130	14
3	9	4	5	1	5	1	6	2	5	2	4	0	6	0	5	0	1	0	9	1	2	0	6	2	63	13
4	28	5	21	5	20	1	4	3	10	0	20	2	26	3	29	3	20	5	20	2	15	2	10	4	223	36
5	9	2	6	0	4	1	2	0	6	2	4	0	5	1	9	0	6	1	2	0	5	0	7	1	66	8
6	22	3	20	5	16	0	4	0	7	0	6	0	14	1	23	3	18	1	25	2	9	1	8	0	172	16
7	19	2	19	4	28	5	12	4	9	0	12	2	28	1	33	4	22	4	18	0	16	1	17	1	233	22
Total	117	21	78	16	89	9	31	9	42	4	62	4	100	10	110	10	104	18	98	7	68	7	66	11	965	128

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TABLE NO. 4.

CASES AND DEATHS FROM SCARLET FEVER BY DISTRICTS.

1903-1904. DISTRICTS.	Apr.		May.		Jun.		Jul.		Aug.		Sep.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Total	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths
1	14	2	10	1	21	2	2	1	5	0	8	0	12	1	4	0	13	2	13	1	9	0	5	1	116	11
2	12	0	11	1	7	0	1	0	1	0	12	0	16	0	16	1	20	4	12	0	11	2	6	0	125	10
3	7	0	14	1	7	3	5	0	8	2	6	0	9	1	17	2	10	3	4	0	4	1	1	0	92	13
4	30	1	23	1	36	4	21	3	16	2	19	2	25	4	17	0	14	1	9	2	13	2	12	1	235	23
5	10	3	13	1	5	0	2	0	3	0	15	0	18	0	20	0	30	0	13	1	15	1	18	2	162	8
6	23	0	42	1	38	2	17	2	9	1	14	2	16	0	23	0	42	3	44	2	41	5	26	0	335	18
7	16	0	32	3	28	0	13	0	7	0	11	0	28	2	48	6	44	2	30	5	20	4	15	3	295	25
Total	112	6	145	9	142	11	61	6	49	5	88	4	124	8	145	9	173	15	125	13	113	15	83	7	1360	108

TABLE NO. 5.

CASES AND DEATHS FROM CROUP BY DISTRICTS.

1903-1904. DISTRICTS.	Apr.		May.		Jun.		Jul.		Aug.		Sep.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths
1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	3	1
2	0	0	3	1	0	0	0	0	0	0	1	0	1	1	0	0	1	0	3	1	1	1	1	1	11	4
3	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	3	2	0	0	0	0	1	1	7	4
4	3	0	1	0	2	1	1	0	0	0	0	0	5	2	1	0	5	4	2	0	4	2	1	0	25	9
5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	1	0	0	4	2
6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	2	0	2	1	7	2
7	3	1	3	1	1	1	1	1	0	0	1	1	3	2	1	1	7	3	4	3	2	0	1	0	27	11
Total	7	2	7	2	4	2	3	1	1	0	2	1	10	5	5	2	17	10	9	4	12	4	7	3	84	36

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TABLE NO. 2.

CASES AND DEATHS FROM SMALL-POX BY DISTRICTS.

1903-1904. DISTRICTS.	Apr.		May.		Jun.		Jul.		Aug.		Sep.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	4	0
2	3	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	1	0	12	0
3	6	0	13	0	11	0	6	0	1	0	0	0	1	0	0	0	0	0	8	0	8	0	16	0	70	0
4	1	0	5	0	6	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	3	0	10	0	28	0
5	2	0	3	0	3	0	2	0	6	0	0	0	0	0	0	0	5	0	14	0	7	1	4	0	46	1
6	3	0	7	0	4	0	4	0	3	0	2	0	0	0	0	0	1	0	5	0	6	0	18	0	49	0
7	1	0	4	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	4	0	1	0	15	0
No home	5	0	6	0	4	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	0	0	4	0	23	0
Developed at Quarantine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	6	0
Total	27	0	41	0	30	0	13	0	11	0	3	0	4	0	0	0	7	0	35	0	35	1	47	0	253	1

*All deaths occurred at Quarantine.

TABLE NO. 3.

CASES AND DEATHS FROM DIPHTHERIA BY DISTRICTS.

1903-1904. DISTRICTS.	Apr.		May.		Jun.		Jul.		Aug.		Sep.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths
1	9	3	3	1	4	0	0	0	4	0	4	0	6	2	4	0	15	2	15	2	9	1	6	1	79	12
2	21	2	4	0	12	1	3	0	1	0	12	0	15	2	7	0	22	5	9	0	12	2	12	2	120	14
3	9	4	5	1	5	1	6	2	5	2	4	0	6	0	5	0	1	0	9	1	2	0	6	2	62	13
4	28	5	21	5	20	1	4	3	10	0	20	2	26	3	29	3	20	5	20	2	15	2	10	4	223	35
5	9	2	6	0	4	1	2	0	6	2	4	0	5	1	9	0	6	1	2	0	5	0	7	1	65	8
6	22	3	20	5	16	0	4	0	7	0	6	0	14	1	23	3	18	1	25	2	9	1	8	0	172	16
7	19	2	19	4	28	5	12	4	9	0	12	2	28	1	33	4	22	4	18	0	16	1	17	1	233	23
Total	117	21	78	16	89	9	31	9	42	4	62	4	100	10	110	10	104	18	98	7	68	7	66	11	965	128

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TABLE NO. 4.

CASES AND DEATHS FROM SCARLET FEVER BY DISTRICTS.

1903-1904. DISTRICTS.	Apr.		May.		Jun.		Jul.		Aug.		Sep.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Total	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths	Cases.	Deaths
1	14	2	10	1	21	2	2	1	5	0	8	0	12	1	4	0	13	2	13	1	9	0	5	1	116	11
2	12	0	11	1	7	0	1	0	1	0	12	0	16	0	16	1	20	4	12	0	11	2	6	0	125	10
3	7	0	14	1	7	3	5	0	8	2	6	0	9	1	17	2	10	3	4	0	4	1	1	0	92	13
4	30	1	23	1	36	4	21	3	16	2	19	2	25	4	17	0	14	1	9	2	13	2	12	1	235	23
5	10	3	13	1	5	0	2	0	3	0	15	0	18	0	20	0	30	0	13	1	15	1	18	2	162	8
6	23	0	42	1	38	2	17	2	9	1	14	2	16	0	23	0	42	3	44	2	41	5	26	0	335	18
7	16	0	32	3	23	0	13	0	7	0	14	0	23	2	48	6	44	2	30	5	20	4	15	3	295	25
Total	112	6	145	9	142	11	61	6	49	5	88	4	124	8	145	9	173	15	125	13	113	15	83	7	1360	108

TABLE NO. 5.

CASES AND DEATHS FROM CROUP BY DISTRICTS.

1903-1904. DISTRICTS.	Apr.		May.		Jun.		Jul.		Aug.		Sep.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths
1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	3	1
2	0	0	3	1	0	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	3	1	1	1	11	4
3	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	3	2	0	0	0	0	1	1	7	4
4	3	0	1	0	2	1	1	0	0	0	0	0	5	2	1	0	5	4	2	0	4	2	1	0	25	9
5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	1	0	0	4	2
6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	2	0	2	1	7	2
7	3	1	3	1	1	1	1	1	0	0	1	1	3	2	1	1	7	3	4	3	2	0	1	0	27	11
Total	7	2	7	2	4	2	3	1	1	0	2	1	10	5	5	2	17	10	9	4	12	4	7	3	84	36

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TABLE NO. 6.

CASES AND DEATHS FROM TYPHOID FEVER BY DISTRICTS.

1903-1904. DISTRICTS.	Apr.		May.		Jun.		Jul.		Aug.		Sep.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1	5	2	1	0	5	1	18	4	28	5	29	8	28	6	16	3	13	3	4	1	1	1	2	2	150	36
2	12	3	9	2	10	3	10	2	22	4	30	5	18	6	20	3	14	5	7	3	8	2	11	3	171	41
3	11	4	8	1	10	2	10	4	30	5	28	3	26	3	23	4	15	4	17	7	1	0	5	1	184	33
4	6	0	13	1	16	4	51	6	36	9	66	11	26	14	8	1	10	2	9	1	3	0	14	7	258	46
5	11	0	19	4	10	2	30	3	18	1	29	2	17	4	28	3	21	3	7	1	4	1	3	1	192	25
6	22	5	21	2	30	2	37	4	47	6	39	8	49	2	26	6	27	7	9	4	12	1	21	5	340	52
7	12	3	15	5	9	2	33	3	40	7	40	5	19	5	15	3	19	7	12	2	8	2	5	1	227	45
Total	79	17	86	15	90	16	189	26	221	37	261	42	183	30	131	23	119	31	65	19	37	7	61	20	1522	283

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TABLE NO. 7.

DIPHTHERIA AND CROUP—CASES AND DEATHS FROM APRIL 1st, 1886, TO APRIL 1st, 1904. EIGHTEEN YEARS AND THREE MONTHS.

Note—In this table the statistics of Diphtheria appear in the first line of each year. Those of Croup in the second line.

	Jan.		Feb.		Mar.		Apr.		May.		Jun.		Jul.		Aug.		Sep.		Oct.		Nov.		Dec.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1886	124	45	91	35	82	42	102	24	100	28	123	32	138	48	187	57	292	85	429	106	290	123	460	94	2826	719
*																										
1887	313	82	183	47	182	41	138	52	158	50	125	43	113	46	254	62	127	135	457	115	440	139	318	115	3108	927
*																										
1888	231	88	139	46	164	60	137	44	89	34	93	34	64	15	88	27	131	48	215	61	132	47	175	60	1658	564
*																										
1889	117	39	138	44	117	36	111	30	109	33	51	12	62	14	71	15	127	23	144	37	108	29	88	33	1243	345
*																										
1890	64	13	59	19	36	6	40	6	44	19	49	16	44	15	47	15	68	17	71	21	59	15	88	23	667	185
*		9		2		5		2		4				1		2		3		8		14		8		58
1891	55	20	68	25	65	22	70	23	50	22	24	11	43	14	40	13	78	15	96	34	81	23	101	27	771	249
*		10		5		7		6		3		3		5		3		4		19		15		10		90
1892	77	21	43	11	51	17	50	16	37	16	15	7	23	5	59	15	68	26	84	18	97	28	67	28	671	208
*		11		3		10		2		1		2		3		3		2		16		22		16		91
1893	63	34	77	19	81	31	52	19	39	16	26	10	21	9	41	18	48	18	60	28	60	22	45	18	613	242
*		16		13		16	19	8	11	9	7	3	5	5	12	7	11	7	37	23	31	23	24	14	157	144
1894	51	18	32	10	34	12	48	17	27	11	26	10	29	11	42	15	48	12	75	23	183	61	146	38	751	238
*	32	16	16	15	11	7	9	4	3		7	4	7	4	8	4	11	4	32	17	61	34	53	30	250	139
1895	145	37	101	26	107	25	96	22	119	31	77	23	132	41	155	36	330	60	615	87	583	73	417	55	2877	516
*	22	13	30	16	20	14	25	15	16	11	7	3	14	6	8	3	19	10	64	30	73	30	47	16	345	167
1896	296	48	191	29	185	21	144	21	67	11	75	14	62	15	72	8	148	28	159	25	190	29	186	30	1775	279
*	27	20	23	13	9	6	9	4	8	7	6	5	2	1	7	6	25	10	24	13	17	4	24	10	181	99
1897	147	17	71	10	98	1	92	10	77	14	81	8	37	3	50	8	102	13	159	23	259	34	217	32	1390	173
*	21	13	10	8	11	2	7	4	6	1	6	2	1	1	5	2	5	4	13	9	21	13	17	9	123	68
1898	139	17	130	21	104	9	75	10	68	8	40	5	41	6	41	3	79	10	147	12	184	26	153	27	1301	151
*	16	8	13	6	6	3	6	3	5	5	3				1		5	4	13	7	21	11	5	4	94	51
1899	114	15	101	11	98	16	72	11	87	15	65	12	48	10	61	8	159	14	217	22	286	29	291	29	1599	306
*	10	7	9	7	8	5	7	5	3	1	3	2	1	1			11	4	13	6	9	5	18	4	92	47
1900	244	3	227	21	205	28	169	20	221	25	243	25	150	20	229	25	230	24	414	42	473	41	461	40	3276	314
*	15	8	15	4	11	3	14	4	7	6	7	1	3	1	6	4	3	1	13	7	24	15	23	11	141	65
1901	377	34	272	28	247	29	240	22	263	27	242	28	132	21	113	6	130	9	155	15	201	25	134	15	2506	259
*	11	3	10	7	8	5	6	3	9	6	10	5	3	3	2	1	7	2	9	5	10	5	4	3	89	48
1902	178	9	88	19	153	28	117	7	104	13	74	4	69	15	77	8	91	11	157	20	225	14	206	12	1539	160
*	8	5	6	3	13	7	2	0	5	1	1				2	1	3	1	8	4	11	4	8	5	67	31
1903	185	28	118	20	108	14	117	21	78	16	89	9	31	9	42	4	62	4	100	10	110	10	104	18	1144	163
*	8	4	8	2	5	2	7	2	7	2	4	2	3	1	1		2	1	10	5	5	2	17	10	77	33
1904	98	7	68	7	66	11																			232	25
*	9	4	12	4	7	3																			28	11

*Croup.

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TABLE NO. 8.

SHOWING SANITARY CONDITIONS OF PREMISES WHERE DIPHTHERIA EXISTED.

1903-1904. Months—	Sewer. Connected. Yes.	Sewer. Connected. No.	Defective Plumbing.	Defective Sewering.	Full and Filthy Privies	Filthy Yard.	Filthy and Damp Cellars.	Tenement Houses. Yes.	Tenement Houses. No.	Kind of Water. City.	Kind of Water. Well.	Kind of Water. Cistern.	Premises where Wells and Cisterns are within 25 Feet of Privies.	Premises where Privies, Yards and Water are Used in Common.
April	99	12	0	0	5	11	3	34	77	104	2	14	6	40
May	66	5	0	0	4	5	1	19	52	67	4	9	4	18
June	74	3	0	0	4	9	3	12	65	75	6	10	4	13
July	26	3	0	2	2	2	0	3	26	27	0	4	1	5
August	36	2	0	0	3	3	2	6	32	33	4	6	2	5
September	57	0	0	0	6	3	2	16	41	56	1	6	5	15
October	85	3	1	0	3	2	1	20	68	86	10	12	8	19
November	95	5	0	0	1	5	2	20	80	95	6	17	11	19
December	96	6	0	0	3	5	0	18	83	92	1	17	8	15
January	82	7	0	1	7	7	1	12	77	85	2	7	6	11
February	63	2	0	0	5	5	0	14	51	66	4	10	4	10
March	62	3	0	0	1	3	2	14	51	60	4	16	8	15
Total	840	51	1	3	44	60	17	188	702	845	43	128	67	182

TABLE NO. 9.

SHOWING SANITARY CONDITIONS OF PREMISES WHERE SCARLET FEVER EXISTED.

1903-1904. Months—	Sewer. Connected. Yes.	Sewer. Connected. No.	Defective Plumbing.	Defective Sewering.	Full and Filthy Privies	Filthy Yard.	Filthy and Damp Cellars.	Tenement Houses. Yes.	Tenement Houses. No.	Kind of Water. City.	Kind of Water. Well.	Kind of Water. Cistern.	Premises where Wells and Cisterns are within 25 Feet of Privies.	Premises where Privies, Yards and Water are Used in Common.
April	97	7	0	1	6	14	4	32	72	96	1	15	6	23
May	103	17	0	1	5	2	0	24	96	107	6	20	8	24
June	112	7	0	5	11	10	6	24	95	111	8	16	6	21
July	51	0	0	2	5	3	0	12	39	50	3	7	3	12
August	43	3	0	2	5	9	1	13	33	42	2	7	3	12
September	79	3	0	3	7	7	6	11	71	77	0	10	3	11
October	110	6	0	0	6	2	1	19	97	112	4	15	7	18
November	131	0	0	1	7	5	3	11	120	128	4	14	9	10
December	148	2	0	0	4	3	0	20	130	146	7	14	11	19
January	112	4	0	1	2	3	0	18	98	107	9	22	15	16
February	89	4	0	0	9	1	2	8	85	88	6	15	9	7
March	70	4	1	0	3	3	2	14	60	72	3	11	5	14
Total	1145	57	1	16	70	62	25	206	996	1138	53	166	85	187

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TABLE NO. 10.

SHOWING SANITARY CONDITIONS OF PREMISES WHERE TYPHOID FEVER EXISTED.

1903 and 1904. Months--	Sewer Connected.		Defective Plumbing.		Defective Sewering.		Full, Filthy and Defective Privies.		Filthy and damp cellars		Accumulation of Filth in Yards.		Tenement Houses.		Kind of Water Used.											
	Yes.	No.	No other Nuisance.	With other Nuisances.	No other Nuisance.	With other Nuisance.	No other Nuisance.	With other Nuisances.	No other Nuisance	With other Nuisances.	No other Nuisance.	With other Nuisances.	Yes.	No.	City Only.	Well Only.	Cistern Only.	City, Well & Cistern.	City and Well.	City and Cistern.	Well and Cistern.	Premises where Wells & Cisterns are within 25 feet of Privies.	Premises where Privies, Yards, and Water are used in common.
April	59	5	0	0	1	1	0	0	1	0	2	0	17	47	55	0	3	1	1	3	0	15	
May	72	4	0	0	1	1	0	0	0	0	4	1	11	65	64	0	1	0	1	8	1	9	
June	73	4	0	0	0	0	4	0	0	0	4	1	17	59	62	0	0	0	3	7	2	16	
July	137	7	0	0	0	0	1	0	0	0	2	1	19	125	105	1	5	13	2	15	3	15	
August	165	11	2	1	3	0	2	0	5	1	8	1	29	147	148	5	6	2	1	7	5	23	
September	195	7	0	0	1	3	6	0	1	0	3	0	35	167	165	5	9	2	4	14	5	32	
October	136	6	0	0	0	0	3	0	1	0	4	0	27	115	112	1	6	5	4	12	2	27	
November	90	3	1	0	0	0	3	0	0	0	4	0	10	88	73	1	4	3	1	16	0	10	
December	88	3	1	1	1	0	3	0	1	0	3	0	11	80	75	0	4	0	1	10	0	12	
January	46	2	0	0	0	0	2	0	0	0	1	0	6	42	28	1	1	1	2	3	2	7	
February	31	1	0	0	0	0	1	0	0	0	1	0	9	23	26	0	0	1	1	3	1	6	
March	50	5	0	0	1	1	1	0	0	0	6	2	10	45	49	0	0	0	1	4	1	9	
Total	1142	62	4	2	7	6	53	0	9	1	40	6	201	1003	973	11	39	28	22	102	13	85	184

TABLE No. 11.

SHOWING NUMBER OF HOUSES EXAMINED AND POSTED.

April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	Total.
279	305	209	283	260	327	351	341	361	290	237	236	3479

SHOWING NUMBER OF HOUSES DISINFECTED.

April.	May.	June.	July.	August.	Sept.	Oct.	Nov	Dec.	Jan.	Feb.	March.	Total.
285	242	201	244	511	311	359	318	361	283	336	331	3782

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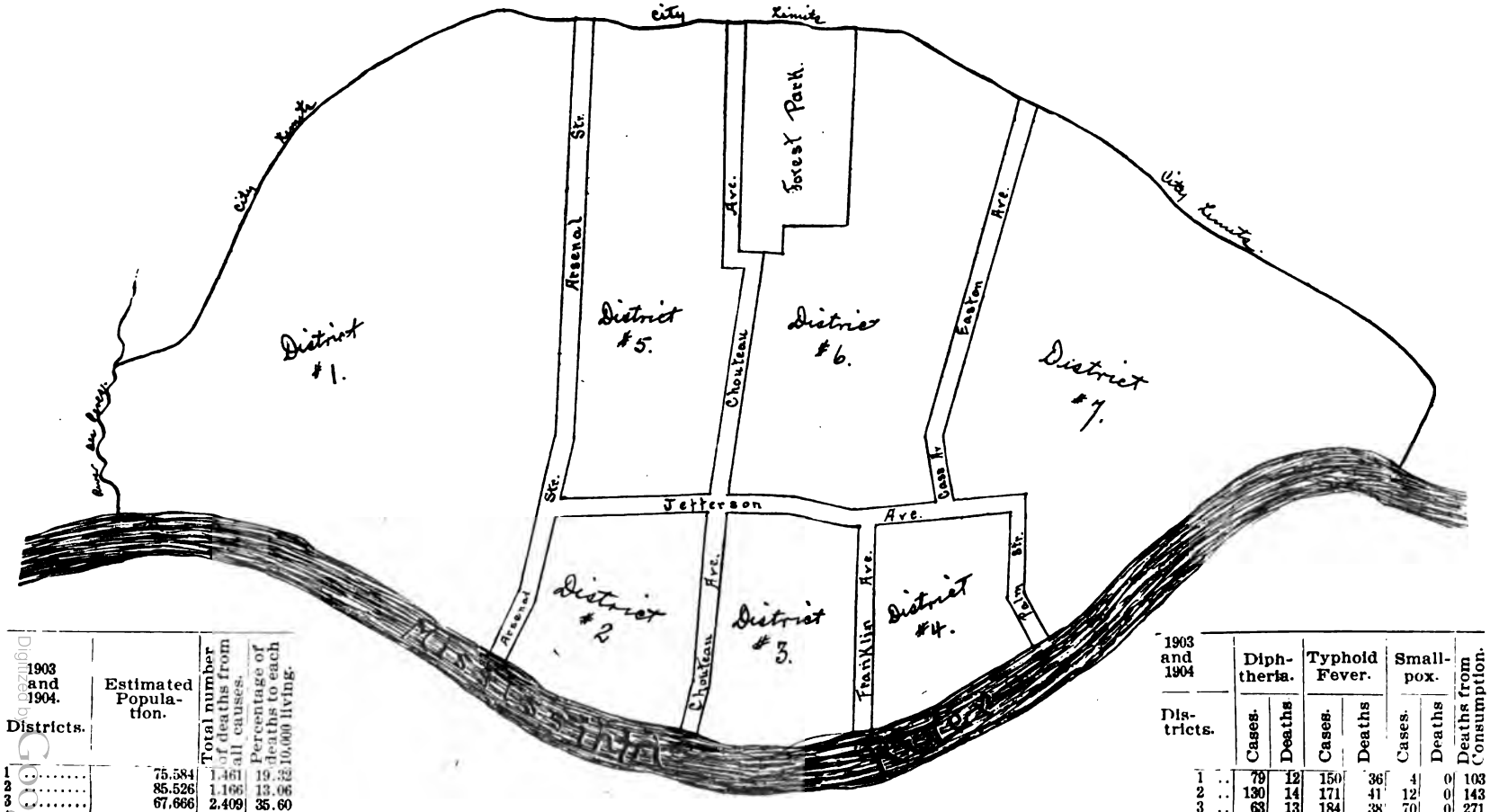
TABLE No. 12.

SHOWING BOUNDARIES OF SANITARY DISTRICTS.



1903 and 1904. Districts.	Estimated Population.	Total number of deaths from all causes.	Percentage of deaths to each 10,000 living.
1	75.584	1.461	19.32
2	85.526	1.166	13.06
3	67.666	2.409	35.60
4	105.771	1.880	17.77
5	73.522	1.041	14.15
6	117.441	1.903	16.23
7	119.490	1.626	13.73
Total	645.000	11.486	17.80

*In the Third District are located the City Hospital and five private hospitals.

1903 and 1904. Districts.	Diphtheria. Cases.	Diphtheria. Deaths	Typhoid Fever. Cases.	Typhoid Fever. Deaths	Smallpox. Cases.	Smallpox. Deaths	Deaths from Consumption.
1	79	12	150	36	4	0	103
2	130	14	171	41	12	0	143
3	63	13	184	38	70	0	271
4	223	35	258	46	28	0	227
5	65	8	192	25	46	1	100
6	172	16	340	52	49	0	161
7	233	28	227	45	15	0	163
Developed at Quarantine	.....	.....	.....	.....	6	0	....
No home	.....	.....	.....	.....	23	0	....
Total	965	126	1522	283	253	1	1168

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TABLE No. 13.

SHOWING STATISTICS RELATING TO TYPHOID FEVER DURING THE PAST FIFTY-FOUR YEARS.

YEARS.	Cases.	Deaths.	Miles of Water Pipes in Service Each Year.	Miles of Sewer Pipes in Service Each Year.	Population.	Deaths in each 1,000 Living.
1850		125			*77.860	16.
1851		218			86.151	25.02
1852		227			94.442	24.
1853		157			102.273	15.02
1854		222			111.024	19.99
1855		179			119.315	15.
1856		114			127.606	8.9
1857		107			135.897	7.87
1858		131			144.188	9.08
1859		197			152.479	12.9
1860		151			*160.773	9.39
1861		100			175.782	5.68
1862		110			190.791	7.1
1863		147			205.800	7.16
1864		320			220.809	9.96
1865		304			235.818	12.89
1866		401			250.827	15.98
1867		194	80.88	66.90	265.836	7.2
1868		294	84.78	85.30	280.845	10.46
1869		202	95.52	102.10	295.854	6.8
1870		269	100.62	111.13	*310.864	8.65
1871		174	104.75	117.16	314.829	5.05
1872		176	118.89	129.25	318.794	5.05
1873		167	145.49	141.00	323.759	5.15
1874		131	155.87	150.00	326.724	4.
1875		131	157.75	163.39	330.689	3.93
1876		103	177.88	172.00	334.654	3.
1877		130	179.00	177.53	338.619	3.83
1878		74	181.78	179.27	342.584	2.16
1879		112	191.48	188.26	346.559	3.23
1880		139	199.60	196.35	*350.518	3.96
1881		191	212.04	202.66	361.466	5.28
1882		166	224.74	211.30	372.414	4.45
1883		158	234.45	218.26	383.362	4.12
1884		166	238.05	223.38	394.310	4.02
1885		125	256.84	232.10	405.258	3.08
1886		124	278.93	247.10	416.206	2.97
1887		116	294.73	262.78	427.154	2.07
1888		133	314.39	270.68	438.102	3.03
1889	350	140	336.09	298.42	449.050	3.01
1890	427	137	353.60	311.09	*460.000	2.97
1891	437	172	373.50	323.65	470.400	3.64
1892	3624	514	410.00	365.00	481.028	10.68
1893	681	171	447.36	380.18	491.904	3.47
1894-95	783	172	467.73	391.58	503.026	3.04
1895-96	392	100	492.86	415.55	514.398	1.95
1896-97	281	118	532.01	434.56	526.028	2.06
1897-98	464	119	555.52	457.36	537.921	2.02
1898-99	406	99	581.55	487.15	550.083	1.78
1899-1900	1114	149	616.00	488.00	562.520	2.64
1900-1901	1160	161	638.23	495.89	*575.238	2.79
1901-1902	1127	206	669.80	504.18	590.049	3.49
1902-1903	1150	231	709.46	522.22	615.000	3.75
1903-1904	1522	283	729.11	562.05	645.000	4.38

Reports of cases for years 1889, 1890 and 1891 not considered correct.

*Population taken from United States census each 10 years.
Intermediate years are approximate.
The Department does not consider the number of Typhoid Fever cases accurate, as a great many physicians do not report Typhoid Fever.

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TABLE NO. 14.

SHOWING CASES AND DEATHS OF CONTAGIOUS DISEASES FOR THE PAST FIFTY-FOUR YEARS, ENDING MARCH 31st, 1904.

YEARS.	Smallpox.		Diphtheria.		Croup.		Scarlet Fever.		Typhoid Fever.		Cerebro-Spinal Fever.		Measles.		Consumption.		Cholera.		Total Number of Deaths From all Causes.	Population.
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.		
1850	....	7	....	....	....	....	....	....	....	125	....	....	....	....	....	196	....	865	4.210	*77.860
1851	....	7	....	....	....	....	....	....	....	218	....	....	....	....	....	174	....	820	4.388	86.151
1852	....	39	....	....	....	....	....	....	....	227	....	....	....	....	....	220	....	696	4.714	99.442
1853	....	12	....	....	....	....	....	....	....	157	....	....	....	....	....	330	....	10	3.882	102.733
1854	....	4	....	....	....	....	....	....	....	222	....	....	....	....	....	353	....	1351	6.440	111.024
1855	....	28	....	....	....	....	....	....	....	179	....	....	....	....	....	368	....	534	5.231	119.315
1856	....	10	....	....	....	....	....	....	....	114	....	....	....	....	....	223	....	5	3.602	127.606
1857	....	159	....	....	....	....	....	....	....	107	....	....	....	....	....	268	....	7	4.065	135.897
1858	....	15	....	....	....	....	....	....	....	131	....	....	....	....	....	335	....	22	4.231	144.188
1859	....	2	....	....	....	....	....	....	....	197	....	....	....	....	....	414	....	13	4.765	152.479
1860	....	0	....	....	....	....	....	....	....	151	....	....	....	....	....	324	....	1	4.978	*160.773
1861	....	2	....	....	....	....	....	....	....	100	....	....	....	....	....	324	....	1	4.170	175.782
1862	....	46	....	....	....	....	....	....	....	110	....	....	....	....	....	328	....	7	5.236	190.791
1863	....	109	....	....	....	....	....	....	....	147	....	....	....	....	....	461	....	7	5.951	205.800
1864	....	63	....	....	....	....	....	....	....	220	....	....	....	....	....	388	....	2	6.893	220.809
1865	....	114	....	....	....	....	....	....	....	304	....	....	....	....	....	518	....	4	6.157	235.818
1866	....	27	....	....	....	....	....	....	....	401	....	....	....	....	....	508	....	3002	9.099	250.827
†1867	89	18	....	48	....	58	....	27	....	194	....	....	....	28	....	464	....	684	6.538	265.836
1868	10	1	....	35	....	44	....	28	....	294	....	....	....	8	....	503	....	1	5.193	280.845
1869	502	240	....	49	....	51	....	55	....	202	....	....	....	112	....	571	....	2	5.844	295.854
1870	....	375	....	75	....	92	....	263	....	269	....	....	....	....	....	629	....	3	6.670	*310.864
1871	....	9	....	68	....	79	....	68	....	174	....	97	....	39	....	599	....	1	5.265	314.829
1872	3789	1591	....	76	....	66	....	47	....	176	....	454	....	57	....	558	....	5	8.047	318.794
1873	....	837	....	61	....	78	....	22	....	167	....	79	....	35	....	751	....	131	8.551	323.759
1874	....	447	....	56	....	53	....	87	....	131	....	178	....	51	....	581	....	....	6.506	326.724
1875	....	603	....	160	....	72	....	508	....	131	....	34	....	70	....	740	....	....	7.532	330.689
1876	....	90	....	167	....	157	....	124	....	103	....	No rec	....	55	....	721	....	....	6.019	334.654
1877	13	1	....	165	....	69	....	40	....	130	....	60	....	1	....	686	....	....	5.660	338.619
1878	....	....	....	156	....	85	....	36	....	74	....	30	....	35	....	730	....	....	6.002	342.584
1879	....	....	....	141	....	62	....	39	....	112	....	28	....	25	....	781	....	....	6.167	346.559
1880	9	....	....	113	....	61	....	47	....	139	....	122	....	55	....	786	....	....	6.636	*350.518
1881	....	115	....	157	....	68	....	108	....	191	....	235	....	27	....	913	....	....	8.410	361.466
1882	....	41	....	385	....	103	....	346	....	166	....	66	....	64	....	870	....	....	7.845	372.414
1883	....	233	....	563	....	134	....	349	....	158	....	25	....	29	....	944	....	....	8.177	383.362
1884	104	29	....	425	....	32	....	161	....	166	....	44	....	33	....	845	....	....	7.887	394.310
1885	3	....	....	372	....	109	....	164	....	125	....	31	....	54	....	888	....	....	7.490	405.258
1886	....	....	3504	889	....	160	....	149	....	124	....	24	....	6	....	915	....	....	8.268	416.206
1887	17	1	2964	951	267	185	513	48	....	116	....	32	1426	40	....	829	....	....	9.155	427.154
1888	90	10	1496	489	193	167	516	30	....	133	....	33	1714	31	....	800	....	....	9.015	438.102
1889	....	....	1030	264	117	70	1882	120	350	140	....	33	230	7	....	655	....	....	8.004	449.050
1890	52	5	696	214	114	64	1336	94	427	137	....	7	52	1	....	843	....	....	8.409	*460.000
1891	26	5	754	231	150	91	948	109	436	172	....	10	669	36	....	869	....	....	9.539	470.400
1892	....	....	721	243	159	103	1056	153	3624	514	31	16	471	7	....	882	....	....	10.225	481.028
1893	3	1	509	198	216	133	731	55	681	171	55	33	1064	26	....	984	....	....	10.303	491.904
1894	229	49	987	286	263	130	586	26	783	172	28	25	406	7	....	875	....	....	8.710	503.026
§1895-96	144	24	3196	526	332	163	381	18	392	109	27	20	1686	44	....	1000	....	....	9.425	514.398
1896-97	1	....	1409	209	164	92	252	6	281	118	18	17	274	6	....	1026	....	....	9.897	526.028
1897-98	5	3	1447	192	116	62	827	27	464	119	13	10	824	10	....	941	....	....	9.251	537.921
1898-99	38	4	1141	149	86	53	580	25	406	99	143	81	617	14	....	1077	....	....	9.699	550.083
1899-1900	135	1	1972	232	105	45	1175	42	1114	119	136	89	448	24	....	1031	....	....	9.539	562.520
1900-1901	217	6	3486	353	129	65	1008	58	1160	161	14	12	615	42	....	1016	....	....	9.931	*575.238
1901-1902	1916	15	2029	224	87	48	1753	87	1127	206	13	10	713	33	....	1161	....	....	10.857	590.000
1902-1903	890	12	1531	166	61	24	2331	119	1150	231	17	16	1048	28	....	1105	....	....	10.323	615.000
1903-1904	253	1	965	126	84	36	1360	108	1522	283	23	16	1255	123	....	1168	....	....	11.486	645.000

† Organization of first Board of Health
§ Antitoxin in general use from 1895
* Population taken from United States census each ten years. Intermediate years are approximated.

The Department does not consider the cases of Typhoid Fever accurate, as many Physicians do not report Typhoid Fever.

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TABLE No. 15.

SHOWING CASES OF DEATHS FROM SMALL POX, ALSO VACCINATION RECORD FOR THE PAST THIRTY-SEVEN YEARS.

Years.	Cases.	Deaths.	Vaccination From Virus Supplied by Dept.	Persons Vaccinated by Physicians of Health Dept.	REMARKS.
1867..	89	18	.....	.....	Small Pox Hospital on Arsenal Island.
1868..	10	1	10.600	.....	Small Pox Hospital on Arsenal Island.
1869..	502	240	.....	.....	Reports of cases not considered accurate.
1870..	.....	375	.....	.....	Admitted to Arsenal Island, 270, of whom 69 died
1871..	.....	9	.....	.....	48 cases sent to Quarantine, 7 deaths included in the 9
1872..	3789	1591	60.772	.....	
1873..	.....	837	.....	.....	
1874..	.....	447	.....	.....	
1875..	.....	603	.....	.....	
1876..	.....	90	.....	.....	Cases not reported.
1877..	13	1	.....	.....	
1878..	.....	.....	4.011	.....	
1879..	.....	.....	2.740	.....	
1880..	9	.....	5.853	.....	
1881..	.....	115	68.562	.....	14 deaths in the city and 101 at Quarantine.
1882..	.....	41	5.380	.....	
1883..	.....	233	32.277	.....	62 deaths in the city, and 171 at Quarantine. 554 patients sent to Quarantine.
1884..	104	29	17.300	.....	All cases sent to Quar., and all deaths occurred there
1885..	3	0	7.650	.....	
1886..	.....	.....	1.398	.....	
1887..	17	1	18.837	.....	All cases sent to Quar., and all deaths occurred there
1888..	90	10	34.000	.....	" " " " " "
1889..	.....	.....	14.225	.....	" " " " " "
1890..	52	5	33.760	.....	" " " " " "
1891..	26	5	24.720	.....	" " " " " "
1892..	.....	.....	11.401	.....	" " " " " "
1893..	3	1	24.947	.....	" " " " " "
1894..	229	49	75.196	.....	" " " " " "
1895..	144	24	34.325	.....	" " " " " "
1896..	1	0	8.073	.....	" " " " " "
1897..	5	3	17.650	.....	" " " " " "
1898..	38	4	47.181	.....	" " " " " "
1899..	135	1	42.950	27.474	" " " " " "
1900..	217	6	33.960	14.335	" " " " " "
1901..	1916	15	76.100	55.619	" " " " " "
1902..	890	12	26.000	24.611	" " " " " "
1903..	253	1	17.590	16.619	" " " " " "

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TABLE NO. 16.

SHOWING NUMBER OF NUISANCES FOUND BY SANITARY OFFICERS.

1903 and 1904. Months—	Full, Filthy and Defective Privies.	Filthy Yards.	Filthy Stables.	Filthy Dairies.	Premises in City Keeping Hogs.	Full and Filthy Piles and Boxes of Manure.	Filthy Slaughter Houses and Butcher Shops.	Filthy Cisterns.	Filthy Wells.	Damp and Filthy Cellars.	Ponds.	Broken & Defective Eave Troughs & Down Spouts.	Defective Drains and Sewers.	Defective Plumbing.	Filthy Premises.	Filthy Hide Houses.	Filthy Lodging Houses.	Filthy Private Alleys.	Filthy Lots.	Drains Without Legal Catch Basins.	Totals.
April.....	488	1037	6	0	1	86	0	4	0	49	1	10	102	28	1	0	0	5	2	0	1,820
May.....	735	1136	0	0	1	135	0	3	0	38	0	8	104	10	5	0	0	9	5	0	2,189
June.....	949	1367	2	0	2	161	0	11	3	165	2	22	112	45	7	0	0	17	5	0	2,870
July.....	1247	1732	4	0	1	197	0	10	0	92	0	3	103	23	3	0	0	10	5	0	3,430
August.....	863	1269	3	0	3	191	0	6	1	138	4	2	78	33	7	0	0	14	4	0	2,616
September..	954	1318	0	0	3	135	0	3	0	119	0	12	54	44	8	0	0	7	4	0	2,661
October.....	807	1017	0	7	0	133	0	0	0	94	0	12	105	42	0	0	0	8	4	0	2,229
November...	850	1206	1	0	1	87	0	0	0	51	0	0	69	33	1	0	0	5	1	0	2,305
December...	597	868	0	1	1	58	0	0	0	42	0	1	24	27	0	0	0	1	0	0	1,590
January.....	365	707	1	0	0	25	0	0	0	56	0	1	45	30	0	0	0	4	1	0	1,235
February....	334	656	2	1	0	33	0	1	0	38	0	8	52	54	1	0	0	22	3	0	1,205
March.....	544	1141	1	0	4	37	0	0	0	86	0	9	96	39	2	0	0	39	6	0	2,004
Total.....	8733	13454	20	9	17	1248	0	38	4	968	7	88	944	408	35	0	0	141	40	0	26,154

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TABLE No. 17.

MISCELLANEOUS MATTER.

1903-1904. MONTHS.	Cases brought before the Board of Health.	Police Court Cases.	Premises with Defective Plumbing for which Reconstruction Orders were issued.	Premises for which Sewer Orders were Issued.	Premises for which City Water was Recommended.	Complaints Received and Investigated.	Number of Notices Issued for full, filthy and Defective Privies	Number of Notices Issued for other Nuisances.	Notices to Parties having no Proper Garbage Receptacles	Tenement Houses Without City Water Supply.	Permits Issued to Vault Cleaners.	Fines Imposed for Maintaining Nuisances.	Notices Issued for Filthy Streets and Alleys, Reported to Street Dept.	Notices Issued for Nuisances in Alleys Rep'd to Police Dept.	Notices Issued for Obstructed Sewers. Rep'd to Sewer Dept.	Notices Issued for Defective and Leaking Water Pipes, Rep'd to Water Dept.	Notices Issued for Weeds.	Notices Issued for Defective Plumbing Reported to Supervisor of Plumbing
April	48	37	4	0	0	265	565	1.541	7	1	203	0	19	32	1	9	0	0
May	46	29	4	13	0	337	839	1.729	5	0	77	$45.00	28	39	1	7	1	0
June	56	24	5	15	0	450	1.076	2.316	7	0	133	20.00	14	45	4	9	228	2
July	62	36	12	3	0	496	1.456	2.572	2	0	229	.....	15	78	5	13	740	0
August	44	245	9	5	3	430	1.138	1.909	14	0	254	$170.00	14	50	2	21	418	0
September	92	197	12	3	0	313	1.073	1.892	13	0	96	85.00	13	29	2	13	272	0
October	58	25	11	182	0	214	897	1.607	4	0	187	55.00	4	26	5	20	53	0
November	47	14	5	5	0	149	959	1.642	8	0	162	.....	3	28	2	19	0	0
December	40	0	7	9	0	160	678	1.793	3	0	101	.....	1	39	2	14	0	0
January	52	20	11	141	0	191	428	1.006	1	0	47	.....	0	25	1	7	0	0
February	30	0	8	26	0	245	399	977	1	0	80	.....	6	64	2	7	0	0
March	36	7	15	0	0	312	385	1.735	0	0	84	.....	16	35	4	18	0	0
Total	611	634	103	402	3	3.615	9.893	20.724	65	1	1.653	$375.00	133	490	29	156	1712	2

TABLE No. 17—Continued.

SHOWING NUMBER OF COMPLAINTS MADE FOR NON-COLLECTION OF GARBAGE.

1903-1904.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
Reported by Sanitary Officers	33	46	22	19	43	20	29	19	16	18	12	12	289
Reported by Citizens	67	157	92	123	230	150	57	24	31	21	25	28	1005
Total	100	203	114	142	273	170	86	43	47	39	37	40	1294

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TABLE NO. 18.

DAIRIES—SHOWING THEIR STATUS AND CONDITIONS BY DISTRICTS

1903 and 1904. DISTRICTS	No. of Dairies.	Cows.	Horses.	Premises Where Hogs are Kept.	Kind of Water.			Well Only.	Cistern Only.	Sewer. Connected		What is Done with Drainage.						General Condition of Premises.		
					City.	Well.	Cistern.			Yes.	No.	Into Sewer.	Onto Public Property.	Onto Private Property.	Into Creek.	Solid Hauled.	Hauled.	Good.	Fair.	Bad.
1	80	1922	212	8	67	32	34	4	5	60	20	60	3	8	6	14	3	0	80	0
2	28	728	69	0	27	14	2	0	0	28	0	28	0	0	0	0	0	0	28	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	90	6	0	2	2	1	0	0	2	0	2	0	1	0	0	0	0	2	0
5	30	899	88	1	25	11	6	3	0	27	3	27	2	0	0	3	0	0	29	1
6	19	513	49	0	17	4	8	2	0	17	2	17	2	0	0	4	3	0	17	2
	78	2555	265	24	62	45	14	13	0	14	64	14	3	1	51	11	0	0	73	5
Total	237	6707	689	33	200	108	65	22	5	148	89	148	10	10	57	32	6	0	229	8

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TABLE NO. 19.

SUMMARY OF APPROPRIATION.

Salaries of Sanitary Officers, Inspectors and Fumigators	$50,100 00	
Office Expenses, Printing and Stationery, Keeping Horses, etc.	53,300 00	
Disinfectants	14,150 00	
Horses and Wagons	600 00	
Total		$78,150 00

SUMMARY OF EXPENDITURES.

Salaries of Sanitary Officers, Inspectors and Fumigators	$49,968 38	
Office Expenses, Printing and Stationery, Keeping Horses, etc.	12,468 84	
Disinfectants	13,673 62	
Horses and Wagons	548 00	
Total		$76,658 84

SUMMARY OF UNEXPENDED BALANCE.

Salaries of Sanitary Officers, Inspectors and Fumigators	$ 131 62	
Office Expenses, Printing and Stationery, Keeping Horses, etc.	831 16	
Disinfectants	476 38	
Horses and Wagons	52 00	
Total Unexpended Balance		$ 1,491 16

TABLE No. 20.

APPROPRIATION FOR SALARIES OF SANITARY OFFICERS, INSPECTORS, FUMIGATORS, ETC.

1903-1904.	Chief Clerk and Sanitary Officers.	Inspectors.	Fumigators	Total.
April	$1,000 00	$1,637 00	$1,386 25	$4,023 25
May	1,150 00	1,785 99	1,222 98	4,158 97
June	1,137 50	1,847 24	915 03	3,899 77
July	1,150 00	2,023 63	919 36	4,092 99
August	1,150 00	1,986 78	849 80	3,986 58
September	1,132 50	1,986 50	907 51	4,026 51
October	1,225 00	1,924 85	914 52	4,064 37
November	1,225 00	2,050 00	955 00	4,230 00
December	1,287 91	1,839 20	1,181 25	4,308 36
January	1,263 71	1,887 12	1,268 96	4,419 79
February	1,300 00	1,819 15	1,333 84	4,452 99
March	1,274 59	1,737 66	1,292 55	4,304 80
Total	$14,296 21	$22,525 12	$13,147 05	$49,968 38

Appropriation	$50,100 00
Unexpended balance	131 62

CHARLES W. FRANCIS,
Asst. Health Commissioner.

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TABLE NO. 21.

OFFICE EXPENSES, PRINTING AND STATIONERY, KEEPING HORSES, ETC.

Appropriation		$13.300 00
Boarding horses	$ 5,126 70	
Printing and stationery	1,704 50	
Car tickets	1,708 00	
Postal cards and stamps	380 00	
Office expenses	828 64	
Horse shoeing	724 45	
Horse shoeing	1,577 55	
Hiring horses and vehicles	72 00	
Harness account	140 45	
Veterinary surgeon, medicine, etc	24 55	
Clipping horses	110 00	
Total		$12,468 84
Unexpended balance		$ 831 16

TABLE NO. 22.

Amount appropriated for horses and wagons		$ 600 00
Three horses	$ 390 00	
One fumigating wagon	158 00	
Total amount expended		$ 548 00
Unexpended balance		$ 52 00

TABLE NO. 23.

DISINFECTANTS.

Amount appropriated for disinfectants		$14,150 00
Wood alcohol, 5,581 gallons	$ 4,289 27	
Tools	425 76	
Kuhn Formaldehyde Generators (50)	3,750 00	
Sulphur, 5,466 pounds	148 00	
Chloride naphtha, 153 pounds	153 00	
Formaldehyde, 14,551 pounds	2,630 17	
Carbolic acid, 15,682 gallons	1,538 29	
Chloride of lime, 4,750 pounds	225 62	
Copperas, 55,134 pounds	341 29	
Sulphuric acid, 1,929 pounds	32 22	
Tin plates, 10 gross	52 50	
Sanitol, 104½ gallons	87 50	
Total amount expended		$13,673 62
Unexpended balance		$ 476 38

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III

CITY DISPENSARY.

Presenting twenty-one tables, as follows:

Nos. 1-12 (inclusive)—Showing classified list of deceased treated by months, for year ending March 31, 1904.
No. 13.—Showing classified list of diseases treated during the year ending March 31, 1904.
No. 14.—Showing medical and surgical service.
No. 15.—Showing hospital admission.
No. 16.—Showing admissions of insane patients.
No. 17.—Showing number of vaccinations.
No. 18.—Showing ambulance service.
No. 19.—Showing different diseases treated in jail during fiscal year ending March 31, 1904.

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TABLE No. 1.

APRIL, 1903.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Abortion	....	....	....	....	Epilepsy	18	....	3	21
Abrasions	11	1	7	19	Epistaxes	1	1	....	2
Abscesses	18	....	1	19	Erythema	....	1	....	1
Acne	....	....	....	....	Erysipelas	2	....	....	2
Adenitis	7	....	....	7	Excoriations	....	....	....	....
Alcoholism	63	4	3	70	Extraction of Teeth	....	....	....	....
Alleged Rape	....	....	1	1	Fevers, Malarial	92	38	22	152
Amenorrhoea	....	....	....	....	" Remittent	....	....	....	....
Amputations	1	....	....	1	" Typhoid	....	....	....	....
Anaemia	3	....	....	3	Fistula	2	....	....	2
Anasarca	....	....	1	1	Foreign Bodies Rem'd	17	13	7	37
Anchylosis	1	....	....	1	Fractures	17	3	9	29
Angina Pectoris	1	1	....	2	Frost Bites	....	....	....	....
Anthrax	....	....	....	....	Furuncles	6	....	....	6
Apoplexy	1	....	....	1	Gangrene	....	....	....	....
Appendicitis	....	....	....	....	Gastralgia	2	....	....	2
Ascitis	....	....	....	....	Gastritis	28	1	2	31
Asthma	11	....	....	11	Gastro Enteritis	....	....	....	....
Balanitis	....	....	....	....	Glaucoma	....	....	....	....
Bitis, Cat	....	2	....	2	Gingivitis	....	....	....	....
" Dog	16	8	7	31	Goitre	....	....	....	....
" Insect	....	....	1	1	Habit, Cocaine	2	....	....	2
" Horse	....	....	....	....	Habit, Morphine	1	1	....	2
" Human	3	....	1	4	Haematoma	....	....	....	....
" Rat	....	....	....	....	Haematemisis	....	1	....	1
" Snake	....	....	....	....	Haemoptysis	1	1	....	2
Bronchitis	352	11	6	369	Heart Dis., Funct'l	10	....	....	10
Burns	11	6	1	18	Heart Dis., Organic	....	....	....	....
Bursitis	2	1	....	3	Hemorrhages	....	....	....	....
Cancer	....	....	....	....	Hemorrhoids	13	2	....	15
Carbuncles	....	....	....	....	Hemiplegia	....	....	....	....
Caries	....	....	....	....	Hepatitis	4	1	....	5
Catarrh, Gastric	....	....	....	....	Hernia	....	2	....	2
Catarrh, Nasal	1	8	....	9	Herpes Zoster	....	....	....	....
Cellulitis	7	2	4	13	Hypochondria	1	....	1	2
Cephalalgia	5	....	....	5	Hysteria	1	....	....	1
Cholera Infantum	....	....	....	....	Impetigo	1	....	....	1
Cholera Morbus	....	....	....	....	Icterus	1	....	....	1
Chorea	....	....	....	....	Inanition	....	....	....	....
Cirrhosis	....	....	....	....	Incontinence of Urine	....	....	....	....
Clavis	....	....	....	....	Indigestion	13	9	....	22
Cocydinia	....	....	....	....	Inflammation	....	....	....	....
Colica Pictonum	....	....	....	....	Insolations	....	....	....	....
Colic, Infantile	....	....	....	....	Insomnia	1	....	....	1
Concussion of Brain	1	....	3	4	Intestinal Colic	....	....	....	....
Congestion of Lungs	....	....	....	....	La Grippe	18	28	3	49
Conjunctivitis	2	3	....	5	Laryngitis	5	2	....	7
Constipation	81	10	1	92	Leucorrhoea	....	2	....	2
Convulsions, Infantile	1	....	....	1	Lipoma	....	....	....	....
Coryza	6	....	....	6	Locomotor Ataxia	....	....	....	....
Cystitis	14	....	....	14	Lumbago	20	....	4	24
Debility	32	....	1	33	Lymphangitis	....	....	....	....
Dentition	1	2	....	3	Mastitis	1	....	....	1
Dermatitis	6	2	....	8	Melancholia	....	....	....	....
Diabetes	....	....	....	....	Menapause	2	....	....	2
Diarrhoea	24	3	....	27	Menorrhagia	1	....	....	1
Diphtheria	....	....	....	....	Metritis	1	....	....	1
Dislocations	4	....	....	4	Metrorrhagia	....	....	....	....
Dysentery	10	....	....	10	Migrane	3	....	....	3
Dysmenorrhoea	1	5	....	6	Miscarriage	....	....	....	....
Dyspepsia	1	....	....	1	Myalgia	23	....	....	23
Eczema	16	2	3	21	Nausea	....	....	....	....
Electric Shock	....	....	....	....	Necrosis	....	....	....	....
Empyema	....	....	....	....	Nephritis	11	....	1	12
Endo Carditis	....	....	....	....	Nervous Prostration	5	2	2	9
Endo Metritis	2	1	....	3	Neuralgia	14	1	4	19
Enteralgia	....	....	....	....	Neurasthenia	10	....	2	12
Enteritis	18	....	....	18	Neuritis	5	....	....	5
Entero-Colitis	....	1	....	1	Neurosis	....	....	5	5
Enlarged Glands	....	....	....	....	Odontalgia	2	1	....	3
Epididimitis	....	....	....	....	Oedema	....	....	....	....
					Opthalmi	....	....	....	....

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TABLE No. 1.—Continued.

DIAGNOSIS.	Central	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Onychia	....	....	....	....	Scarletina	....	....	....	....
Orchitis	1	....	....	1	Sciatica	....	....	....	....
Otalgia	2	2	....	4	Scrofula	....	....	....	....
Otitis Externa	....	....	1	1	Seborrhoea	....	....	....	....
Otitis Media	1	....	....	1	Senility	6	....	3	9
Ovaritis	1	2	....	4	Senile Itch	....	....	....	....
Paralysis	....	....	....	....	Septicaemia	....	....	....	....
Paresis	....	....	....	....	Singultus	....	....	....	....
Parotiditis	....	....	....	....	Sprains	11	15	2	28
Paronychia	....	....	....	....	Stomatitis	2	....	....	2
Pediculosis	....	....	....	....	Strictures	....	....	1	1
Peritonitis	....	....	....	....	Syncope	....	....	....	....
Pertusis	2	....	....	2	Synovitis	3	....	....	3
Periostitis	1	....	....	1	Syphilis	10	....	....	10
Pharyngitis	4	1	3	8	Taenia Solium	....	....	....	....
Phimosis	....	....	....	....	Taenia Circinati	1	....	....	1
Phlebitis	1	....	....	1	Tetanus	....	....	1	1
Phthisis Pulmonalis	5	....	5	10	Tonsilitis	43	2	3	48
Pleurisy	20	....	2	22	Torticolis	2	....	....	2
Pleurodynia	2	....	....	2	Trachitis	....	....	....	....
Plumbism	2	....	....	2	Toxaemia	....	....	....	....
Pneumonia	5	....	1	6	Thrush	....	....	....	....
Poisoning, Ivy	2	1	....	3	Tumors	....	....	....	....
" Carb. Acid.	....	....	....	....	Ulcers	77	10	3	90
" Chloroform	....	....	....	....	Uraemia	....	....	....	....
" Arsenic	....	....	....	....	Urethritis	1	....	....	1
" Lead	....	....	....	....	Urticara	4	....	....	4
" Lye	....	....	....	....	Uterine	2	....	....	2
" Morphine	....	....	....	....	Vaccinia	....	....	....	....
" Opium	1	....	....	1	Vaccine Sores	....	1	....	1
Pregnancy	2	....	1	3	Vaginitis	3	....	....	3
Proctitis	....	....	....	....	Varicocele	....	....	....	....
Prostitis	1	2	....	3	Varicose Veins	1	....	....	1
Pruritis	....	....	2	2	Vertigo	6	....	....	....
Psoriasis	1	....	....	1	Varicella	1	2	....	3
Ptyalism	1	....	....	1	Whitlow	....	....	....	....
Pulmonary not defined	....	....	....	....	Wounds, Contused	101	18	4	123
Pyrosis	....	....	....	....	" Gunshot	2	5	13	20
Rachitis	....	....	....	....	" Incised	44	11	8	63
Ranula	....	....	....	....	" Infected	81	8	7	96
Retention of Urine	....	....	....	....	" Lacerated	38	43	34	115
Rhinitis	....	....	....	....	" Inter. Injur's	....	2	....	2
Rheumatism	122	6	4	132	" Penetrating	1	....	....	1
Rubeola	11	....	1	12	" Punctured	19	....	6	25
Salivation	....	....	....	....	" Scalp	45	12	4	61
Scabies	16	....	....	16					
Scalds	....	....	....	....	Total	1798	326	214	2338

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TABLE No. 2.

MAY, 1903.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.
Abortion	....	....	....	....
Abrasions	20	....	7	27
Abscesses	36	6	4	47
Acne	....	....	....	....
Adenitis	7	....	1	8
Alcoholism	94	3	2	99
Alleged Rape	....	....	....	....
Amenorrhoea	2	1	....	3
Amputations	1	....	....	1
Anaemia	5	....	....	5
Anasarca	3	....	....	3
Anchylosis	....	....	....	....
Angina Pectoris	....	....	....	....
Anthrax	....	....	....	....
Apoplexy	....	....	....	....
Appendicitis	....	....	....	....
Ascitis	....	....	....	....
Asthma	23	3	....	26
Balanitis	....	....	....	....
Bitis, Cat	5	....	....	5
" Dog	34	13	2	49
" Insect	6	2	....	8
" Horse	2	....	....	2
" Human	1	....	....	1
" Rat	2	....	1	3
" Snake	....	....	....	....
Bronchitis	212	25	8	245
Burns	24	1	....	25
Bursitis	....	....	....	....
Cancer	....	1	....	1
Carbuncles	10	....	....	10
Caries	....	....	....	....
Catarrh, Gastric	....	....	....	....
Catarrh, Nasal	....	2	....	2
Cellulitis	37	17	3	57
Cephalalgia	6	....	....	6
Cholera Infantum	....	....	....	....
Cholera Morbus	....	....	....	....
Chorea	....	....	....	....
Cirrhosis	....	....	....	....
Clavis	....	....	....	....
Coccydinia	....	....	....	....
Colica Pictonum	....	....	....	....
Colic, Infantile	....	....	....	....
Concussion of Brain	2	....	1	3
Congestion of Lungs	....	....	....	....
Conjunctivitis	1	....	....	1
Constipation	82	9	....	91
Convulsions, Infantile	....	....	....	....
Coryza	3	....	....	3
Cystitis	4	1	....	5
Debility	43	....	....	43
Dentition	1	....	....	1
Dermatitis	16	2	1	19
Diabetes	....	....	....	....
Diarrhoea	17	2	1	20
Diphtheria	....	....	....	....
Dislocations	6	1	1	8
Dysentery	6	....	1	7
Dysmenorrhoea	2	1	....	3
Dyspepsia	7	....	1	8
Eczema	6	4	....	10
Electric Shock	....	....	....	....
Empyema	....	....	....	....
Endo Carditis	....	....	....	....
Endo Metritis	1	....	....	1
Enteralgia	....	....	....	....
Enteritis	9	....	....	9
Entero-Colitis	....	....	....	....
Enlarged Glands	....	....	....	....
Epididimitis	....	....	....	....

DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Epilepsy	13	1	3	17
Epistaxes	1	1	....	2
Erythema	....	1	....	1
Erysipelas	3	....	....	3
Excoriations	....	2	....	2
Extraction of Teeth	....	1	....	1
Fevers, Malarial	142	13	34	189
" Remittent	....	....	....	....
" Typhoid	1	....	....	1
Fistula	....	2	....	2
Foreign Bodies Rem'd	22	23	4	49
Fractures	25	4	10	39
Frost Bites	....	....	....	....
Furuncles	21	2	2	25
Gangrene	....	....	....	....
Gastralgia	....	....	....	....
Gastritis	31	4	....	35
Gastro Enteritis	2	....	....	2
Glaucoma	....	....	....	....
Gingivitis	....	....	....	....
Goitre	....	....	....	....
Habit, Chloral	2	....	....	2
Habit, Cocaine	1	....	....	1
Habit, Morphine	8	....	....	8
Haematoma	....	....	....	....
Haematemisis	....	....	....	....
Haemoptysis	....	....	....	....
Heart Dis., Funct'l	3	3	....	6
Heart Dis., Organic	....	2	....	2
Hemorrhages	....	....	....	....
Hemorrhoids	5	....	2	7
Himiplegia	1	....	....	1
Hepatitis	1	1	....	2
Hernia	....	....	....	....
Herpes Zoster	....	....	....	....
Hypochondria	7	....	....	7
Hysteria	1	....	....	1
Impetigo	....	....	....	....
Icterus	1	1	....	2
Inanition	....	....	....	....
Incontinence of Urine	....	....	....	....
Indigestion	11	6	....	17
Inflammation	2	1	....	3
Insolations	....	....	....	....
Insomnia	3	....	....	3
Intestinal Colic	1	....	....	1
La Grippe	8	9	5	22
Laryngitis	5	....	....	5
Leucorrhoea	....	3	....	3
Lipoma	....	....	....	....
Locomotor Ataxia	....	....	....	....
Lumbago	31	1	7	39
Lymphangitis	....	....	....	....
Mastitis	1	....	....	1
Melancholia	....	....	....	....
Menopause	1	....	....	1
Menorrhagia	1	....	....	1
Metritis	....	....	....	....
Metorrhagia	....	....	....	....
Migrane	1	....	....	1
Miscarriage	1	....	....	1
Myalgia	31	....	....	31
Nausea	....	....	....	....
Necrosis	....	....	....	....
Nephritis	10	....	....	10
Nervous Prostration	1	4	....	5
Neuralgia	6	....	1	7
Neurasthenia	8	....	....	8
Neuritis	3	....	....	3
Neurosis	....	....	6	6
Odontalgia	....	....	....	....
Oedema	....	....	....	....

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TABLE No. 2.—Continued.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.
Ophthalmia	....	....	....	....
Onychia	....	....	1	1
Orchitis	....	....	....	....
Otalgia	....	1	....	1
Otitis Externa	....	....	3	3
Otitis Media	....	....	....	....
Ovaritis	3	1	....	4
Paralysis	5	....	1	6
Paresis	....	....	....	....
Parotiditis	2	....	....	2
Paronychia	....	....	....	....
Pediculosis	3	....	....	3
Peritonitis	1	....	....	1
Pertusis	4	....	....	4
Periostitis	1	....	1	2
Pharyngitis	1	1	2	4
Phimosis	....	....	....	....
Phlebitis	....	....	....	....
Phthisis Pulmonalis	11	....	2	13
Pleurisy	13	....	....	13
Pleurodynia	....	....	....	....
Plumbism	....	....	....	....
Pneumonia	2	....	....	2
Poisoning, Ivy	2	....	....	2
" Carb. Acid	....	....	....	....
" Chloroform	....	....	....	....
" Arsenic	....	....	....	....
" Lead	....	....	....	....
" Lye	....	....	....	....
" Morphine	....	....	1	1
" Opium	....	....	....	....
Pregnancy	....	....	1	1
Proctitis	....	....	1	1
Prostitis	....	....	....	....
Pruritis	1	....	....	1
Psoriasis	....	....	....	....
Pytalism	....	....	2	2
Pulmonary not defined	....	....	....	....
Pyrosis	....	....	....	....
Rachitis	....	....	....	....
Ranula	....	....	....	....
Retention of Urine	2	....	....	2
Rhinitis	....	....	....	....
Rheumatism	119	9	1	129
Rubeola	5	....	....	5
Salivation	8	....	....	8
Scabies	....	....	....	....
Scalds	....	....	....	....
Scarletina	....	....	....	....
Sciatica	....	....	....	....
Scrofula	....	....	....	....
Seborrhoea	....	....	....	....
Senility	6	....	4	10
Senile Itch	....	....	....	....
Septicaemia	....	....	....	....
Singultus	....	....	....	....
Sprains	33	13	7	53
Stomatitis	1	2	....	3
Strictures	....	....	....	....
Syncope	1	....	....	1
Synovitis	4	....	....	4
Syphilis	5	....	....	5
Taenia Solium	3	....	....	3
Taenia Circinati	....	....	....	....
Thecitis	....	....	....	....
Tonsilitis	28	9	1	38
Torticolis	1	....	....	1
Trachitis	....	....	....	....
Toxaemia	....	....	....	....
Thrush	....	....	....	....
Tumors	....	....	....	....
Ulcers	77	3	3	83
Uraemia	....	....	....	....
Urethritis	4	....	....	4
Urticara	1	....	....	1
Uterine	3	....	1	4
Vaccinia	....	....	....	....
Vaccine Sores	....	....	....	....
Vaginitis	7	....	3	10
Varicocele	....	....	....	....
Varicose Veins	2	2	....	4
Vertigo	3	....	....	3
Varicella	....	....	....	....
Whitlow	....	3	....	3
Wounds, Contused	131	19	12	162
" Gunshot	17	1	8	26
" Incised	65	13	18	96
" Infected	71	14	3	88
" Lacerated	320	63	24	407
" Internal inj's	....	....	....	....
" Penetrating	....	....	....	....
" Punctured	53	1	6	60
" Scalp	33	17	1	51
Total	2204	341	215	2760

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TABLE No. 3.

JUNE, 1903.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Aneurism	1	....	....	1	Epididimitis	1	....	....	1
Ascaris Lumbricoids	2	....	....	2	Epilepsy	11	....	2	13
Abortion	....	....	....	....	Epistaxes.	3	....	....	3
Abrasions	6	3	6	15	Erythema	....	3	....	3
Abscesses	52	2	....	54	Erysipelas	1	2	1	4
Acne	....	....	....	....	Excoriations	....	....	....	....
Adenitis	4	....	....	4	Extraction of Teeth.	....	....	....	....
Alcoholism	79	2	4	85	Fevers, Malarial	124	45	38	207
Alleged Rape	....	....	....	....	" Remittent	....	....	....	....
Amenorrhoea	5	1	....	6	" Typhoid	....	1	2	3
Amputations	3	....	....	3	Fistula	5	....	....	5
Anaemia	9	2	....	11	Foreign Bodies Rem'd	15	15	5	35
Anasarca	7	....	1	8	Fractures	28	3	5	36
Anchylosis	2	....	....	2	Frost Bites	....	....	....	....
Angina Pectoris	1	....	2	3	Furuncles	8	3	....	11
Anthrax	....	....	....	....	Gangrene	....	....	....	....
Apoplexy	....	....	....	....	Gastralgia	....	....	....	....
Appendicitis	....	....	....	....	Gastritis	34	4	2	40
Ascitis	....	....	....	....	Gastro Enteritis	8	....	....	8
Asthma	34	2	2	38	Glaucoma	....	....	....	....
Balanitis	....	....	....	....	Gingivitis	2	....	....	2
Bitis, Cat	1	....	1	2	Goitre	....	....	....	....
" Dog	34	....	6	40	Habit, Cocaine	....	....	....	....
" Insect	8	....	....	8	Habit, Morphine	7	....	....	7
" Horse	4	....	....	4	Haematoma	....	....	....	....
" Human	1	....	....	1	Haematemisis	....	....	....	....
" Rat	1	....	1	2	Haemoptysis	1	....	....	1
" Snake	....	....	....	....	Heart Dis., Functional	9	3	....	12
Bronchitis	182	17	8	207	Heart Dis., Organic.	4	....	1	5
Burns	28	8	3	39	Hemorrhages	2	....	....	2
Bursitis	1	....	....	1	Hemorrhoids	11	2	....	13
Cancer	2	....	....	2	Hemiplegia	2	....	....	2
Carbuncles	8	2	....	10	Hepatitis	1	1	....	2
Caries	....	....	....	....	Hernia	....	....	....	....
Catarrh, Gastric	1	....	....	1	Herpes Zoster	1	....	....	1
Catarrh, Nasal	3	9	....	12	Hypochondria	4	....	....	4
Cellulitis	14	....	....	14	Hysteria	3	1	....	4
Cephalalgia	6	....	....	6	Impetigo	2	....	....	2
Cholera Infantum	3	1	....	4	Icterus	....	....	....	....
Cholera Morbus	3	....	....	3	Inanition	....	....	....	....
Cholera	1	....	....	1	Incontinence of Urine	....	1	....	1
Cirrhosis	....	....	....	....	Indigestion	3	4	....	7
Clavis	....	....	....	....	Inflammation	2	....	1	3
Cocydinia	....	....	....	....	Insolations	....	....	1	1
Colica Pictonum	....	....	1	1	Insomnia	3	....	....	3
Colic, Infantile	1	....	....	1	Intestinal Colic	2	....	....	2
Concussion of Brain	1	....	2	3	La Grippe	1	2	1	4
Congestion of Lungs	....	1	1	2	Laryngitis	5	1	....	6
Conjunctivitis	7	....	2	9	Leucorrhoea	4	....	....	4
Constipation	64	14	4	82	Lipoma	....	....	....	....
Convulsions, Infantile	....	....	....	....	Locomotor Ataxia	1	....	....	1
Coryza	2	....	....	2	Lumbago	29	....	3	32
Cystitis	6	....	....	6	Lymphangitis	3	....	....	3
Debility	8	....	....	8	Mastitis	....	1	....	1
Dentition	2	....	....	2	Melancholia	1	....	....	1
Dermatitis	15	2	2	19	Menopause	1	....	....	1
Diabetes	....	....	....	....	Menorrhagia	....	....	....	....
Diarrhoea	13	13	....	26	Metritis	2	1	....	3
Diphtheria	....	....	....	....	Metrorrhagia	....	....	....	....
Dislocations	5	1	....	6	Migrane	1	1	....	2
Dysentery	28	1	....	29	Miscarriage	....	....	....	....
Dysmenorrhoea	1	....	....	1	Myalagia	10	....	....	10
Dyspepsia	26	1	....	27	Nausea	1	....	....	1
Eczema	23	7	....	30	Necrosis	1	....	....	1
Electric Shock	....	....	....	....	Nephritis	19	....	2	21
Empyema	....	....	....	....	Nervous Prostration	4	2	....	6
Endo Carditis	....	....	....	....	Neuralgia	15	1	1	17
Endo Metritis	6	....	3	9	Neurasthenia	11	3	3	17
Enteralgia	....	....	....	....	Neuritis	7	....	....	7
Enteritis	45	....	....	45	Neurosis	....	....	6	6
Entero-Colitis	2	....	....	2	Odontalgia	2	....	....	2
Enlarged Glands	2	....	....	2	Oedema	2	....	....	2

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TABLE No. 3.—Continued.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Opthalmia	....	....	....	....	Scalds	4	....	....	4
Onychia	....	....	....	....	Scarletina	....	....	....	....
Orchitis	3	....	....	3	Sciatica	1	....	2	3
Otalgia	....	5	....	5	Scrofula	1	....	....	1
Otitis Externa	....	....	1	1	Seborrhoea	....	....	....	....
Otitis Media	....	....	....	....	Senility	8	....	1	9
Ovaritis	4	2	....	6	Senile Itch	1	....	....	1
Paralysis	8	....	....	8	Septicaemia	....	....	....	....
Paresis	....	....	....	....	Singultus	....	....	....	....
Parotiditis	3	....	....	3	Sprains	39	18	3	60
Paronychia	2	8	....	10	Stomatitis	2	1	....	3
Pediculosis	5	....	....	5	Strictures	....	1	1	2
Peritonitis	....	....	....	....	Syncope	2	....	1	3
Pertusis	3	....	....	3	Synovitis	2	....	....	2
Periostitis	10	....	....	10	Syphilis	23	2	....	25
Pharyngitis	4	2	....	6	Taenia Solium	1	....	....	1
Phimosis	....	....	....	....	Taenia Circinati	2	....	....	2
Phlebitis	....	....	....	....	Thecitis	....	....	....	....
Phthisis Pulmonalis	25	....	3	28	Tonsillitis	38	10	1	49
Pleurisy	5	....	....	5	Torticolis	3	....	....	3
Pleurodynia	....	....	....	....	Trachitis	....	....	....	....
Plumbism	....	....	....	....	Toxaemia	....	....	....	....
Pneumonia	....	....	....	....	Thrush	....	....	....	....
Poisoning, Ivy	1	2	1	4	Tumors	3	....	....	3
" Carbolic Acid	....	....	....	....	Ulcers	97	5	1	103
" Chloroform	....	....	....	....	Uraemia	....	....	....	....
" Arsenic	....	....	....	....	Urethritis	2	1	....	3
" Lead	....	....	....	....	Urticara	2	....	....	2
" Lye	....	....	....	....	Uterine	4	....	1	5
" Morphine	....	....	....	....	Vaccine Sores	....	2	....	2
" Opium	....	....	....	....	Vaginitis	5	....	....	5
Pregnancy	....	....	....	....	Varicocele	1	....	....	1
Proctitis	....	....	....	....	Varicose Veins	4	1	....	5
Prostitis	....	....	....	....	Vertigo	9	....	....	9
Pruritis	....	....	....	....	Varicella	....	....	....	....
Psoriasis	....	1	....	1	Whitlow	....	....	....	....
Ptyalism	....	....	....	....	Wounds, Contused	158	15	4	177
Pulmonary, not defined	....	....	....	....	" Gunshot	61	5	12	78
Pyrosis	....	....	....	....	" Incised	97	19	14	130
Rachitis	....	....	....	....	" Infected	107	17	5	129
Ranula	....	....	....	....	" Lacerated	102	45	19	166
Retention of Urine	3	....	1	4	" Internal inj's	....	....	....	....
Phinitis	....	....	....	....	" Penetrating	....	2	....	2
Rheumatism	131	10	9	150	" Punctured	18	12	4	34
Rubeola	3	....	1	4	" Scalp	33	14	10	57
Salivation	....	....	....	....					
Scabies	7	....	....	7	Total	2207	389	218	2814

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TABLE No. 3.

JUNE, 1903.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Aneurism	1			1	Epididimitis	1			1
Ascaris Lumbricoids	2			2	Epilepsy	11		2	13
Abortion					Epistaxes	3			3
Abrasions	6	3	6	15	Erythema		3		3
Abscesses	52	2		54	Erysipelas	1	2	1	4
Acne					Excoriations				
Adenitis	4			4	Extraction of Teeth				
Alcoholism	79	2	4	85	Fevers, Malarial	124	45	38	207
Alleged Rape					" Remittent				
Amenorrhoea	5	1		6	" Typhoid		1	2	3
Amputations	3			3	Fistula	5			5
Anaemia	9	2		11	Foreign Bodies Rem'd	15	15	5	35
Anasarca	7		1	8	Fractures	28	3	5	36
Anchylosis	2			2	Frost Bites				
Angina Pectoris	1		2	3	Furuncles	8	3		11
Anthrax					Gangrene				
Apoplexy					Gastralgia				
Appendicitis					Gastritis	34	4	2	40
Ascitis					Gastro Enteritis	8			8
Asthma	34	2	2	38	Glaucoma				
Balanitis					Gingivitis	2			2
Bitis, Cat	1		1	2	Goitre				
" Dog	34		6	40	Habit, Cocaine				
" Insect	8			8	Habit, Morphine	7			7
" Horse	4			4	Haematoma				
" Human	1			1	Haematemisis				
" Rat	1		1	2	Haemoptysis	1			1
" Snake					Heart Dis., Functional	9	3		12
Bronchitis	182	17	8	207	Heart Dis., Organic	4		1	5
Burns	28	8	3	39	Hemorrhages	2			2
Bursitis	1			1	Hemorrhoids	11	2		13
Cancer	2			2	Hemiplegia	2			2
Carbuncles	8	2		10	Hepatitis	1	1		2
Caries					Hernia				
Catarrh, Gastric	1			1	Herpes Zoster	1			1
Catarrh, Nasal	3	9		12	Hypochondria	4			4
Cellulitis	14			14	Hysteria	3	1		4
Cephalalgia	6			6	Impetigo	2			2
Cholera Infantum	3	1		4	Icterus				
Cholera Morbus	3			3	Inanition				
Cholera	1			1	Incontinence of Urine		1		1
Cirrhosis					Indigestion	3	4		7
Clavis					Inflammation	2		1	3
Cocydinia					Insolations			1	1
Colica Pictonum			1	1	Insomnia	3			3
Colic, Infantile	1			1	Intestinal Colic	2			2
Concussion of Brain	1		2	3	La Grippe	1	2	1	4
Congestion of Lungs		1	1	2	Laryngitis	5	1		6
Conjunctivitis	7		2	9	Leucorrhoea	4			4
Constipation	64	14	4	82	Lipoma				
Convulsions, Infantile					Locomotor Ataxia	1			1
Coryza	2			2	Lumbago	29		3	32
Cystitis	6			6	Lymphangitis	3			3
Debility	8			8	Mastitis		1		1
Dentition	2			2	Melancholia	1			1
Dermatitis	15	2	2	19	Menopause	1			1
Diabetes					Menorrhagia				
Diarrhoea	13	13		26	Metritis	2	1		3
Diphtheria					Metrorrhagia				
Dislocations	5	1		6	Migrane	1	1		2
Dysentery	28	1		29	Miscarriage				
Dysmenorrhoea	1			1	Myalagia	10			10
Dyspepsia	26	1		27	Nausea	1			1
Eczema	23	7		30	Necrosis	1			1
Electric Shock					Nephritis	19		2	21
Empyema					Nervous Prostration	4	2		6
Endo Carditis					Neuralgia	15	1	1	17
Endo Metritis	6		3	9	Neurasthenia	11	3	3	17
Enteralgia					Neuritis	7			7
Enteritis	45			45	Neurosis			6	6
Entero-Colitis	2			2	Odontalgia	2			2
Enlarged Glands	2			2	Oedema	2			2

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TABLE No. 3.—Continued.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Opthalmia	....	....	....	....	Scalds	4	....	....	4
Onychia	....	....	....	....	Scarletina	....	....	....	....
Orchitis	3	....	....	3	Sciatica	1	....	2	3
Otalgia	....	5	....	5	Scrofula	1	....	....	1
Otitis Externa	....	....	1	1	Seborrhoea	....	....	....	....
Otitis Media	....	....	....	....	Senility	8	....	1	9
Ovaritis	4	2	....	6	Senile Itch	1	....	....	1
Paralysis	8	....	....	8	Septicaemia	....	....	....	....
Paresis	....	....	....	....	Singultus	....	....	....	....
Parotiditis	3	....	....	3	Sprains	39	18	3	60
Paronychia	2	8	....	10	Stomatitis	2	1	....	3
Pediculosis	5	....	....	5	Strictures	....	1	1	2
Peritonitis	....	....	....	....	Syncope	2	....	1	3
Pertusis	3	....	....	3	Synovitis	2	....	....	2
Periostitis	10	....	....	10	Syphilis	23	2	....	25
Pharyngitis	4	2	....	6	Taenia Solium	1	....	....	1
Phimosis	....	....	....	....	Taenia Circinati	2	....	....	2
Phlebitis	....	....	....	....	Thecitis	....	....	....	....
Phthisis Pulmonalis	25	....	3	28	Tonsillitis	38	10	1	49
Pleurisy	5	....	....	5	Torticolis	3	....	....	3
Pleurodynia	....	....	....	....	Trachitis	....	....	....	....
Plumbism	....	....	....	....	Toxaemia	....	....	....	....
Pneumonia	....	....	....	....	Thrush	....	....	....	....
Poisoning, Ivy	1	2	1	4	Tumors	3	....	....	3
" Carbolic Acid	....	....	....	....	Ulcers	97	5	1	103
" Chloroform	....	....	....	....	Uraemia	....	....	....	....
" Arsenic	....	....	....	....	Urethritis	2	1	....	3
" Lead	....	....	....	....	Urticara	2	....	....	2
" Lye	....	....	....	....	Uterine	4	....	1	5
" Morphine	....	....	....	....	Vaccine Sores	....	2	....	2
" Opium	....	....	....	....	Vaginitis	5	....	....	5
Pregnancy	....	....	....	....	Varicocele	1	....	....	1
Proctitis	....	....	....	....	Varicose Veins	4	1	....	5
Prostitis	....	....	....	....	Vertigo	9	....	....	9
Pruritis	....	....	....	....	Varicella	....	....	....	....
Psoriasis	....	1	....	1	Whitlow	....	....	....	....
Ptyalism	....	....	....	....	Wounds, Contused	158	15	4	177
Pulmonary, not defined	....	....	....	....	" Gunshot	61	5	12	78
Pyrosis	....	....	....	....	" Incised	97	19	14	130
Rachitis	....	....	....	....	" Infected	107	17	5	129
Ranula	....	....	....	....	" Lacerated	102	45	19	166
Retention of Urine	3	....	1	4	" Internal inj's	....	....	....	....
Phinitis	....	....	....	....	" Penetrating	....	2	....	2
Rheumatism	131	10	9	150	" Punctured	18	12	4	34
Rubeola	3	....	1	4	" Scalp	33	14	10	57
Salivation	....	....	....	....					
Scabies	7	....	....	7	Total	2207	389	218	2814

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TABLE No. 4.

JULY, 1903.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.
Aneurism	1	....	....	1
Abortion	....	....	....	....
Abrasions	10	6	5	21
Abscesses	57	....	7	64
Acne	....	....	1	1
Adenitis	4	....	....	4
Alcoholism	88	7	17	112
Alleged Rape	....	....	....	....
Amenorrhea	8	....	....	8
Amputations	5	1	7	13
Anaemia	3	....	....	3
Anasarca	3	....	2	5
Anchylosis	1	....	....	1
Angina Pectoris	....	....	....	....
Anthrax	....	....	....	....
Apoplexy	....	....	....	....
Appendicitis	....	....	....	....
Ascitis	....	....	....	....
Asthma	31	1	....	32
Balanitis	....	....	....	....
Bitis, Cat	2	....	....	2
" Dog	44	....	8	52
" Insect	19	....	1	20
" Horse	....	....	....	....
" Human	2	....	1	3
" Rat	....	....	....	....
" Snake	....	....	....	....
Bronchitis	125	14	6	45
Burns	55	14	10	79
Bursitis	....	....	....	....
Cancer	....	....	....	....
Carbuncles	7	....	....	7
Caries	1	....	....	1
Catarrh, Gastric	....	....	....	....
Catarrh, Nasal	2	5	....	7
Cellulitis	27	2	1	30
Cephalagia	8	....	....	8
Cholera Infantum	9	....	....	9
Cholera Morbus	6	1	....	7
Chorea	1	1	....	2
Cirrhosis	....	....	....	....
Clavis	....	....	....	....
Cosydinia	....	....	....	....
Colica Pictoinum	1	....	....	1
Colic Infantile	....	....	....	....
Concussion of Brain	....	....	....	....
Congestion of Lungs	....	....	....	....
Conjunctivitis	7	4	....	11
Constipation	95	6	3	104
Convulsions, Infantile	....	....	1	1
Coryza	....	....	....	....
Cystitis	16	....	....	16
Debility	17	....	....	17
Dentition	1	1	....	2
Dermatitis	14	3	6	23
Diabetes	....	....	....	....
Diarrhoea	26	6	10	42
Diphtheria	....	....	....	....
Dislocations	5	....	....	5
Dysentery	52	1	....	53
Dysmenorrhoea	3	....	....	3
Dyspepsia	15	....	....	15
Eczema	16	8	2	26
Electric Shock	....	....	....	....
Empyema	....	....	....	....
Endo Carditis	....	....	....	....
Endo Metritis	3	....	....	3
Enteralgia	....	....	....	....
Enteritis	41	....	....	41
Entero-Colitis	1	....	1	2
Enlarged Glands	1	....	....	1

DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Epididimitis	1	....	....	1
Epilepsy	4	....	1	5
Epistaxes	1	....	....	1
Erythema	....	....	....	....
Erysipelas	....	....	....	....
Excoriations	....	....	....	....
Extraction of Teeth	....	....	....	....
Fevers Malarial	192	29	42	263
" Remittent	....	....	....	....
" Typhoid	1	....	....	1
Fistula	1	....	....	1
Foreign Bodies Rem.	18	20	7	45
Fractures	33	13	4	50
Frost Bites	....	....	....	....
Furuncles	7	1	....	8
Gangrene	....	....	....	....
Gastralgia	2	2	....	4
Gastritis	29	3	4	36
Gastro Enteritis	17	....	4	21
Glaucoma	....	....	....	....
Gingivitis	....	....	....	....
Goitre	....	....	....	....
Habit, Cocaine	....	....	....	....
Habit, Morphine	....	....	....	....
Haematoma	....	....	....	....
Haematemisis	....	....	....	....
Haemoptysis	1	....	1	2
Heart Disease, Funct'l	9	1	....	10
Heart Disease Org.	8	....	1	9
Hemorrhages	3	....	....	3
Hemorrhoids	8	1	....	9
Hemiplegia	1	....	....	1
Hepatitis	....	....	....	....
Hernia	....	....	....	....
Herpes Zoster	1	....	....	1
Hypochondria	1	....	1	2
Hysteria	1	1	....	2
Impetigo	....	....	1	1
Icterus	2	....	1	3
Inanition	....	....	....	....
Incontinence of Urine	....	1	1	2
Indigestion	6	8	....	14
Inflammation	....	....	....	....
Insolations	5	3	2	10
Insomnia	4	....	1	5
Intestinal Colic	3	....	....	3
Lagrippe	....	....	1	1
Laryngitis	4	....	....	4
Leucorrhoea	5	....	....	5
Lipoma	....	....	....	....
Locomotor Ataxia	....	....	....	....
Lumbago	22	....	1	23
Lymphangitis	1	....	....	1
Mastitis	....	....	....	....
Melancholia	....	....	....	....
Menopause	2	....	....	2
Menorrhagia	....	1	....	1
Metritis	....	....	....	....
Metrorrhagia	1	....	....	1
Migrane	....	....	....	....
Miscarriage	....	....	....	....
Myalgia	14	....	....	14
Nausea	1	1	....	2
Necrosis	7	....	....	7
Nephritis	19	....	1	20
Nervous Prostration	8	1	....	9
Neuralgia	16	....	1	17
Neurasthenia	12	1	1	14
Neuritis	7	....	....	7
Neurosis	....	....	4	4
Odontalgia	1	....	....	1
Oedema	....	....	....	....

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TABLE No. 4.—Continued.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.
Opthalmia	....	....	....	....
Onychia	....	....	....	....
Orchitis	2	....	....	2
Otalgia	1	....	....	1
Otitis Externa	....	....	....	....
Otitis Media	....	....	....	....
Ovaritis	5	....	....	5
Paralysis	4	....	....	4
Paresis	1	....	....	1
Parotiditis	1	....	....	1
Paronychia	....	3	....	3
Pediculosis	1	....	....	1
Peritonitis	....	....	1	1
Pertusis	3	....	2	5
Periostitis	18	....	....	18
Pharyngitis	3	....	....	3
Phimosis	....	....	....	....
Phlebitis	....	....	....	....
Phthisis Pulmonalis	13	....	5	18
Pleurisy	8	....	....	8
Pleurodynia	2	....	....	2
Plumbism	....	....	....	....
Pneumonia	....	....	....	....
Poisoning, Ivy	12	2	....	14
" C'b'l'c Acid	....	....	....	....
" Chloroform	....	....	....	....
" Arsenic	1	....	1	2
" Lead	....	....	....	....
" Lye	....	....	....	....
" Morphine	....	....	....	....
" Opium	....	....	....	....
Pregnancy	....	....	1	1
Proctitis	....	....	....	....
Prostitis	....	....	....	....
Pruritis	2	1	....	3
Psoriasis	1	....	....	1
Ptyalism	....	....	....	....
Pulmonary, not def'd.	....	....	....	....
Pyrosis	....	....	....	....
Rachitis	....	....	....	....
Ranula	....	....	....	....
Retention of Uline	....	....	....	....
Rhinitis	....	....	....	....
Rheumatism	153	7	12	172
Rubeola	3	....	....	3
Salivation	....	....	....	....
Scabies	8	....	....	8

DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Scalds	....	....	....	....
Scarletina	....	....	....	....
Sciatica	1	....	....	1
Scrofula	....	....	....	....
Seborrhoea	....	....	....	....
Senility	4	....	....	4
Senile Itch	1	....	....	1
Septicaemia	....	....	....	....
Singultus	....	....	....	....
Sprains	39	13	7	59
Stomatitis	2	....	....	2
Strictures	....	....	....	....
Syncope	2	....	....	2
Synovitis	2	....	2	4
Syphilis	32	....	4	36
Taenia Solium	....	1	....	1
" Circinati	....	....	....	....
Thecitis	....	....	....	....
Tonsilitis	36	5	5	46
Torticollis	....	....	1	1
Trachitis	....	....	....	....
Toxaemia	....	....	....	....
Thrush	....	....	....	....
Tumors	....	....	....	....
Ulcers	106	5	7	118
Uraemia	....	....	....	....
Urethritis	2	....	....	2
Urticara	7	....	....	7
Uterine	3	....	....	3
Vaccine Sores	11	....	....	11
Vaginitis	1	....	....	1
Varicocele	....	....	....	....
Varicose Veins	3	....	....	3
Vertigo	12	....	....	12
Varicella	....	....	....	....
Whitlow	....	....	....	....
Wounds Contused	175	24	28	227
" Gunshot	145	23	11	179
" Incised	76	30	12	118
" Infected	130	23	20	173
" Lacerated	216	56	35	307
" Inter'l Injuries	1	....	....	1
" Penetrating	1	1	....	2
" Punctured	37	22	6	55
" Scalp	36	14	....	50
Total	2535	398	328	3261

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TABLE No. 5.

AUGUST, 1903.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.
Abortion	....	....	....	....
Abrasions	12	2	5	19
Abscesses	97	....	1	98
Acne	....	....	....	....
Adenitis	2	....	....	2
Alcoholism	62	6	1	69
Alleged Rape	....	....	....	....
Amenorrhoea	2	....	1	3
Amputations	5	....	1	6
Anaemia	....	....	2	2
Anasarca	2	....	1	3
Anchylosis	....	....	....	....
Angina Pectoris	1	....	....	1
Anthrax	....	....	....	....
Apoplexy	....	....	....	....
Appendicitis	....	....	....	....
Ascitis	....	....	....	....
Asthma	32	1	....	33
Balanitis	....	....	....	....
Bitis, Cat	....	....	....	....
" Dog	27	....	4	31
" Insect	13	....	1	14
" Horse	1	....	....	1
" Human	5	....	....	5
" Rat	....	....	....	....
" Snake	....	....	....	....
Bronchitis	140	15	8	163
Burns	29	3	11	43
Bursitis	....	....	....	....
Cancer	3	1	....	4
Carbuncles	....	....	....	....
Caries	....	....	....	....
Catarrh, Gastric	....	....	....	....
Catarrh, Nasal	66	6	....	6
Cellulitis	30	1	....	31
Cephalagia	7	....	....	7
Cholera Infantum	7	1	....	8
Cholera Morbus	1	....	2	3
Chorea	....	....	....	....
Cirrhosis	....	....	....	....
Clavis	....	....	....	....
Coccydinia	....	....	....	....
Colica Pictonum	....	....	....	....
Colic, Infantile	....	....	....	....
Concussion of Brain	2	....	....	2
Congestion of Lungs	....	....	....	....
Conjunctivitis	2	....	1	3
Constipation	86	4	2	92
Convulsions, Infantile	1	1	....	2
Coryza	3	1	....	4
Cystitis	5	....	....	5
Debility	41	....	....	41
Dentition	....	....	....	....
Dermatitis	8	4	....	12
Diabetes	....	....	....	....
Diarrhoea	37	1	3	41
Diphtheria	....	....	....	....
Dislocations	5	....	5	10
Dysentery	80	....	1	81
Dysmenorrhoea	7	....	1	8
Dyspepsia	23	....	....	23
Eczema	6	8	3	17
Electric Shocks	....	....	....	....
Empyema	....	....	....	....
Endo Carditis	....	....	....	....
Endo Meritis	1	....	....	1
Enteralgia	....	....	....	....
Enteritis	10	1	....	11
Entero-Colitis	....	....	....	....
Enlarged Glands	1	....	....	1
Epididimitis	2	....	....	2

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.
Epilepsy	6	2	1	9
Epistaxes	4	....	....	4
Erythema	....	2	....	2
Erysipelas	....	....	....	....
Excoriations	....	3	....	3
Extraction of Teeth	....	....	....	....
Fevers, Malarial	287	31	59	377
" Remittent	10	....	....	10
" Typhoid	....	....	1	1
Fistula	....	....	....	....
Foreign Bodies Rem	11	17	7	35
Fractures	30	5	8	43
Frost Bites	....	....	....	....
Furuncles	3	1	1	5
Gangrene	....	....	....	....
Gastralgia	....	....	....	....
Gastritis	18	1	4	23
Gastro Enteritis	16	....	1	17
Glaucoma	....	....	....	....
Gingivitis	....	1	....	1
Goitre	....	....	....	....
Habit, Cocaine	....	....	....	....
Habit, Morphine	4	....	....	4
Haematoma	....	....	....	....
Haematemisis	....	....	....	....
Haemoptysis	1	....	....	1
Heart Disease, F'nct'l	9	1	....	10
Heart Disease, Org	5	....	1	6
Hemorrhages	2	....	....	2
Hemorrhoids	6	....	1	7
Hemiplegia	2	....	....	2
Hepatitis	....	....	....	....
Hernia	....	....	1	1
Herpes Zoster	1	....	....	1
Hypochondria	7	....	1	8
Hysteria	....	....	....	....
Impetigo	2	....	....	2
Icterus	1	....	....	1
Inanition	1	....	....	1
Incontinence of Urine	....	....	1	1
Indigestion	10	2	....	12
Inflammation	....	....	....	....
Insolations	....	1	1	2
Insomnia	5	....	1	6
Intestinal Colic	6	....	....	6
La Grippe	....	....	....	....
Laryngitis	2	....	1	3
Luecorrhoea	1	....	....	1
Lipoma	....	....	....	....
Locomotor Ataxia	....	....	....	....
Lumbago	61	....	1	62
Lymphangitis	....	2	....	2
Mastitis	....	....	....	....
Melancholia	2	....	....	2
Menopause	1	....	....	1
Menorrhagia	....	....	....	....
Metritis	....	1	....	1
Metrorrhagia	3	....	....	3
Migrane	....	....	....	....
Miscarriage	....	....	1	1
Myalgia	20	....	....	20
Nausea	....	....	....	....
Necrosis	7	....	....	7
Nephritis	5	1	1	7
Nervous Prostration	2	3	....	5
Neuralgia	16	3	2	21
Neurasthenia	....	....	2	2
Neuritis	5	....	....	5
Neurosis	1	....	3	4
Odontalgia	2	....	....	2
Oedema	....	....	....	....
Opthalmia	....	....	....	....

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TABLE No. 5.—Continued.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Onychia	....	....	....	....	Scarletina	....	....	....	....
Orchitis	7	....	....	7	Sciatica	....	....	....	....
Otalgia	....	....	....	....	Scrofula	....	....	....	....
Otitis Externa	....	....	....	....	Seborrhoea	....	....	....	....
Otitis Media	1	....	....	1	Senility	....	....	3	3
Ovaritis	4	3	1	8	Senile Itch	1	....	....	1
Paralysis	2	....	2	4	Septicaemia	....	....	....	....
Paresis	....	....	....	....	Singultus	....	1	....	1
Parotiditis	1	....	....	1	Sprains	46	10	9	65
Paronychia	....	10	....	10	Stomatitis	3	1	1	5
Pediculosis	1	....	....	1	Strictures	....	....	....	....
Peritonitis	....	....	....	....	Syncope	....	....	....	....
Pertusis	....	....	....	....	Synovitis	....	....	2	2
Periostitis	30	....	21	51	Syphilis	27	....	3	30
Pharyngitis	2	....	....	2	Taenia Solium	1	....	....	1
Phimosis	....	....	....	....	Taenia Circinati	4	....	....	4
Phlebitis	....	....	....	....	Thecitis	....	....	....	....
Phthisis Pulmonalis	10	....	5	15	Tonsillitis	42	1	3	46
Pleurisy	6	....	....	6	Torticollis	2	....	....	2
Pleurodynia	4	....	....	4	Trachitis	....	....	....	....
Plumbism	....	....	....	....	Toxaemia	2	....	....	2
Pneumonia	....	....	....	....	Thrush	....	....	....	....
Poisoning, Ivy	5	....	3	8	Tumors	2	....	....	2
" Carbolic Acid	1	....	1	2	Ulcers	66	3	8	77
" Chloroform	....	....	....	....	Uraemia	....	....	....	....
" Arsenic	....	....	....	....	Urethritis	5	....	2	7
" Lead	....	....	....	....	Urticara	12	1	....	13
" Lye	....	....	....	....	Uterine	2	1	....	3
" Morphine	....	....	1	1	Vaccine Sores	....	....	....	....
" Opium	1	....	....	1	Vaginitis	1	....	....	1
Pregnancy	1	....	1	2	Varicocele	....	....	....	....
Proctitis	....	....	....	....	Varicose Veins	2	....	....	2
Prostitis	....	....	....	....	Vertigo	3	....	....	3
Pruritis	....	....	....	....	Varicella	....	....	....	....
Psoriasis	....	....	....	....	Whitlow	....	....	....	....
Ptyalism	1	....	....	1	Wounds, Contused	173	22	43	202
Pulmonary, not defined	....	....	....	....	" Gunshot	11	....	12	23
Pyrosis	....	....	1	1	" Incised	79	30	29	138
Rachitis	....	....	....	....	" Infected	177	26	18	221
Ranula	....	....	....	....	" Lacerated	329	37	26	392
Retention of Urine	1	....	....	1	" Internal inju's.	....	....	....	....
Rhinitis	....	....	....	....	" Penetrating	....	....	....	....
Rheumatism	143	12	7	162	" Punctured	66	13	6	85
Rubecla	....	....	....	....	" Scalp	63	5	5	73
Salivation	....	....	....	....	Worms	1	....	....	1
Scabies	1	....	....	1					
Scalds	....	....	....	....	Total	2679	310	356	3345

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TABLE No. 6.

SEPTEMBER, 1903.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Abortion	....	....	....	....	Epilepsy	6	3	....	9
Abrasions	7	....	15	22	Epistaxes	1	1	....	2
Abscesses	89	1	12	102	Erythema	2	....	....	2
Acne	1	....	....	1	Erysipelas	1	....	1	2
Adenitis	2	....	....	2	Excoriations	....	....	....	....
Alcoholism	78	1	9	88	Extraction of Teeth	1	....	....	1
Alleged Rape	1	....	....	1	Fevers, Malarial	299	46	43	388
Amenorrhoea	3	....	....	3	" Remittent	15	....	....	15
Amputations	2	....	....	2	" Typhoid	1	....	....	1
Anaemia	7	1	....	8	Fistula	....	....	1	1
Anasarca	3	....	....	3	Foreign Bodies Rem'd	13	12	5	30
Anchylosis	....	....	....	....	Fractures	21	3	8	32
Aneurism	....	....	1	1	Frost Bites	....	....	....	....
Angina Pectoris	1	....	....	1	Furuncles	20	1	4	25
Anthrax	....	....	....	....	Gangrene	....	....	....	....
Apoplexy	....	....	....	....	Gastralgia	....	....	1	1
Appendicitis	....	....	....	....	Gastritis	18	3	1	22
Ascitis	1	....	....	1	Gastro Enteritis	4	....	....	4
Asthma	33	....	3	36	Glaucoma	....	....	....	....
Balanitis	....	....	....	....	Gingivitis	....	....	....	....
Bitis, Cat	1	....	....	1	Goitre	....	....	....	....
" Dog	12	....	2	14	Habit, Cocaine	....	....	....	....
" Insect	4	....	2	6	Habit, Morphine	....	....	....	....
" Horse	....	....	....	....	Haematoma	1	....	....	1
" Human	3	....	1	4	Haematemisis	....	....	....	....
" Rat	3	....	....	3	Haemoptysis	....	....	....	....
" Snake	....	....	....	....	Heart Dis., Functional	9	....	1	10
Bronchitis	112	5	8	125	Heart Dis., Organic	7	....	....	7
Burns	24	3	3	30	Hemorrhages	1	....	....	1
Bursitis	2	2	....	4	Hemorrhoids	12	....	....	12
Cancer	1	....	....	1	Hemiplegia	....	....	....	....
Carbuncles	....	....	....	....	Hepatitis	2	....	....	2
Caries	....	....	....	....	Hernia	....	....	1	1
Catarrh, Gastric	....	....	....	....	Herpes Zoster	....	2	....	2
Catarrh, Nasal	2	....	....	2	Hypochondria	3	....	1	4
Cellulitis	29	....	....	29	Hysteria	1	....	1	2
Cephalalgia	6	1	1	8	Impetigo	1	....	....	1
Cholera Infantum	2	....	....	2	Icterus	2	....	....	2
Cholera Morbus	....	....	....	....	Inanition	....	....	....	....
Chorea	....	....	....	....	Incontinence of Urine	8	....	....	8
Cirrhosis	....	....	1	1	Indigestion	13	5	....	18
Clavis	....	....	....	....	Inflammation	1	....	....	1
Coccydinia	....	....	....	....	Insolations	....	....	....	....
Colica Pictonum	1	....	....	1	Insomnia	4	....	2	6
Colic, Infantile	....	....	....	....	Intestinal Colic	8	....	....	8
Congestion of Brain	2	....	2	4	La Grippe	....	....	2	2
Congestion of Lungs	....	....	....	....	Laryngitis	5	....	....	5
Conjunctivitis	1	3	1	5	Leucorrhoea	2	....	....	2
Constipation	51	2	1	54	Lipoma	....	....	....	....
Convulsions, Infantile	....	....	....	....	Locomotor Ataxia	....	....	....	....
Coryza	6	1	1	8	Lumbago	37	....	5	42
Cystitis	9	....	....	9	Lymphangitis	....	2	....	2
Debility	31	....	....	31	Mastitis	1	....	....	1
Dentition	1	....	....	1	Melancholia	....	....	1	1
Dermatitis	11	2	2	15	Menopause	2	....	....	2
Diabetes	1	....	....	1	Menorrhagia	1	....	....	1
Diarrhoea	27	....	4	31	Metritis	....	....	....	....
Diphtheria	....	....	1	1	Metrorrhagia	2	....	....	2
Dislocations	4	1	....	5	Migrane	....	....	....	....
Dysentery	41	....	3	44	Miscarriage	....	....	....	....
Dysmenorrhoea	....	1	....	1	Myalgia	17	....	....	17
Dyspepsia	18	....	2	20	Nausea	....	....	....	....
Ezcema	11	4	1	16	Necrosis	17	....	....	17
Electric Shock	....	....	....	....	Nephritis	4	1	1	6
Empyema	....	....	....	....	Nervous Prostration	....	1	1	2
Endo Carditis	....	....	....	....	Neuralgia	10	1	....	11
Endo Metritis	5	....	....	5	Neurasthenia	1	....	....	1
Enteralgia	....	1	....	1	Neuritis	10	....	....	10
Enteritis	22	....	....	22	Neurosis	5	....	2	7
Entero-Colitis	....	....	....	....	Odontalgia	....	....	....	....
Enlarged Glands	1	....	....	1	Oedema	....	....	....	....
Epididimitis	....	....	....	....	Opthalmia	....	....	....	....

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TABLE No. 6.—Continued.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.
Onychia	....	2	....	2
Orchitis	1	....	....	1
Otalgia	....	....	....	....
Otitis Externa	....	....	....	....
Otitis Media	1	....	....	1
Ovaritis	5	....	....	5
Paralysis	2	....	....	2
Paresis	....	....	....	....
Parotiditis	....	....	....	....
Paronychia	....	2	....	2
Pediculosis	3	....	....	3
Peritonitis	....	....	....	....
Pertusis	....	....	....	....
Periostitis	7	....	1	8
Pharyngitis	....	1	....	1
Phimosis	....	....	....	....
Phlebitis	....	....	....	....
Phthisis Pulmonalis	21	1	....	22
Pleurisy	10	1	2	13
Pleurodynia	2	....	....	2
Plumbism	....	....	....	....
Pneumonia	1	....	....	1
Poisoning, Ivy	....	....	2	2
" Carbolic Acid	....	....	....	....
" Chloroform	....	....	....	....
" Arsenic	....	....	....	....
" Lead	....	....	1	1
" Lye	....	....	....	....
" Morphine	....	....	....	....
" Opium	2	....	....	2
Pregnancy	....	....	....	....
Proctitis	....	....	....	....
Prostitis	....	....	1	1
Pruritis	....	....	....	....
Psoriasis	....	....	....	....
Ptyalism	....	....	....	....
Pulmonary, not defined	....	....	....	....
Pyrosis	1	....	....	1
Rachitis	....	....	....	....
Ranula	....	....	....	....
Retention of Urine	2	....	....	2
Rhinitis	2	....	....	2
Rheumatism	94	4	1	99
Rubeola	....	....	....	....
Salivation	....	....	....	....
Scabies	1	....	....	1
Scalds	....	....	....	....

DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Scarletina	....	....	....	....
Sciatica	....	1	....	1
Scrofula	....	....	....	....
Seborrhoea	....	....	....	....
Senility	1	1	....	2
Senile Itch	....	....	....	....
Septicaemia	....	....	....	....
Singultus	....	....	....	....
Sprains	38	13	12	63
Stomatitis	3	....	2	5
Strictures	....	....	....	....
Syncope	1	....	1	2
Synovitis	1	....	....	1
Syphilis	43	1	7	51
Taenia Solium	5	....	....	5
Taenia Circinati	2	2	....	4
Thecitis	....	....	....	....
Tonsillitis	34	2	1	37
Torticolis	5	....	....	5
Trachitis	....	1	....	1
Toxaemia	....	....	....	....
Thrush	....	....	....	....
Tumors	1	....	1	2
Ulcers	76	3	30	109
Uraemia	2	....	....	2
Urethritis	4	....	2	6
Urticara	9	....	....	9
Uterine	2	....	1	3
Vaccine Sores	1	....	....	1
Vaginitis	....	....	2	2
Varicocele	....	....	....	....
Varicose Veins	....	....	....	....
Vertigo	4	....	1	5
Varicella	1	....	....	1
Whitlow	....	....	....	....
Wounds, Contused	179	27	41	247
" Gunshot	17	....	....	17
" Incised	67	31	4	102
" Infected	239	18	21	278
" Lacerated	267	40	37	344
" Internal Inj's	1	....	....	1
" Penetrating	....	2	....	2
" Punctured	61	17	3	81
" Scalp	141	12	4	157
Total	2621	252	336	3209

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TABLE No. 6.

SEPTEMBER, 1903.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.
Abortion	....	....	....	....
Abrasions	7	....	15	22
Abscesses	89	1	12	102
Acne	1	....	....	1
Adenitis	2	....	....	2
Alcoholism	78	1	9	88
Alleged Rape	1	....	....	1
Amenorrhoea	3	....	....	3
Amputations	2	....	....	2
Anaemia	7	1	....	8
Anasarca	3	....	....	3
Anchylosis	....	....	....	....
Aneurism	....	....	1	1
Angina Pectoris	1	....	....	1
Anthrax	....	....	....	....
Apoplexy	....	....	....	....
Appendicitis	....	....	....	....
Ascitis	1	....	....	1
Asthma	33	....	3	36
Balanitis	....	....	....	....
Bitis, Cat	1	....	....	1
" Dog	12	....	2	14
" Insect	4	....	2	6
" Horse	....	....	....	....
" Human	3	....	1	4
" Rat	3	....	....	3
" Snake	....	....	....	....
Bronchitis	112	5	8	125
Burns	24	3	3	30
Bursitis	2	2	....	4
Cancer	1	....	....	1
Carbuncles	....	....	....	....
Caries	....	....	....	....
Catarrh, Gastric	....	....	....	....
Catarrh, Nasal	2	....	....	2
Cellulitis	29	....	....	29
Cephalalgia	6	1	1	8
Cholera Infantum	2	....	....	2
Cholera Morbus	....	....	....	....
Chorea	....	....	....	....
Cirrhosis	....	....	1	1
Clavis	....	....	....	....
Coccydinia	....	....	....	....
Colica Pictonum	1	....	....	1
Colic, Infantile	....	....	....	....
Congestion of Brain	2	....	2	4
Congestion of Lungs	....	....	....	....
Conjunctivitis	1	3	1	5
Constipation	51	2	1	54
Convulsions, Infantile	....	....	....	....
Coryza	6	1	1	8
Cystitis	9	....	....	9
Debility	31	....	....	31
Dentition	1	....	....	1
Dermatitis	11	2	2	15
Diabetes	1	....	....	1
Diarrhoea	27	....	4	31
Diphtheria	....	....	1	1
Dislocations	4	1	....	5
Dysentery	41	....	3	44
Dysmenorrhoea	....	1	....	1
Dyspepsia	18	....	2	20
Ezcema	11	4	1	16
Electric Shock	....	....	....	....
Empyema	....	....	....	....
Endo Carditis	....	....	....	....
Endo Metritis	5	....	....	....
Enteralgia	....	1	....	....
Enteritis	22	....	....	....
Entero-Colitis	....	....	....	....
Enlarged Glands	1	....	....	....
Epididimitis	....	....	....	....

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.
Epilepsy	6	3	....	9
Epistaxes	1	1	....	2
Erythema	2	....	....	2
Erysipelas	1	....	1	2
Excoriations	....	....	....	....
Extraction of Teeth	1	....	....	1
Fevers, Malarial	299	46	43	388
" Remittent	15	....	....	15
" Typhoid	1	....	....	1
Fistula	....	....	1	1
Foreign Bodies Rem'd	13	12	5	30
Fractures	21	3	8	32
Frost Bites	....	....	....	....
Furuncles	20	1	4	25
Gangrene	....	....	....	....
Gastralgia	....	....	1	1
Gastritis	18	3	1	22
Gastro Enteritis	4	....	....	4
Glaucoma	....	....	....	....
Gingivitis	....	....	....	....
Goitre	....	....	....	....
Habit, Cocaine	....	....	....	....
Habit, Morphine	....	....	....	....
Haematoma	1	....	....	1
Haematemisis	....	....	....	....
Haemoptysis	....	....	....	....
Heart Dis., Functional	9	....	1	10
Heart Dis., Organic	7	....	....	7
Hemorrhages	1	....	....	1
Hemorrhoids	12	....	....	12
Hemiplegia	....	....	....	....
Hepatitis	2	....	....	2
Hernia	....	....	1	1
Herpes Zoster	....	2	....	2
Hypochondria	3	....	1	4
Hysteria	1	....	1	
Impetigo	1	....	....	
Icterus	2	....	....	
Inanition	....	....	....	
Incontinence of Urine	8	....	..	
Indigestion	13	5		
Inflammation	1	....		
Insolations	....	..		
Insomnia	4			
Intestinal Colic	8			
La Grippo	...			
Laryngitis				
Leucorrhoea				
Lipoma				
Locomotor Ataxia				
Lumbago				
Lymphangitis				
Mastitis				
Melancholia				
Menopause				
Menorrhagia				
Metritis				
Metrorrha				
Migrane				
Miscarr				
Myalg				
Nau				
Ne				

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TABLE N

DIAGNOSIS.	Central.	Transit.	North Division	West Division	Total
Onychia		2			2
Orchitis	1				1
Otalgia					
Otitis Externa					1
Otitis Media	1				
Ovaritis	1				1
Paralysis	1				
Paresis					
Parotiditis					
Paronychia		2			2
Pediculosis	2				
Peritonitis					
Pertusis					
Periostitis	2		3	4	9
Pharyngitis		1			1
Phimosis					
Phlebitis					
Phthisis Pulmonalis	11	1			12
Pleurisy	14	1	1		16
Pleurodynia	1				1
Plumbism					
Pneumonia	1				1
Poisoning, Ivy			1	1	2
" Carbolic Acid					
" Chloroform					
" Arsenic					
" Lead			1	1	2
" Lye					
" Morphine					
" Opium	2				2
Pregnancy					
Proctitis					
Prostitis					
Pruritis					
Psoriasis					
Ptyalism					
Pulmonary, not defined					
Pyrosis	2				2
Rachitis					
Ranula					
Retention of Urine	1				1
Rhinitis	2				2
Rheumatism	60				60
Rubeola					
Salivation					
Scabies	1				1
Scalds					

			3	3
				1
				1
				1
			3	41
			1	6
				2
		1		30
				5
	44	3	7	54
	1			1
	1			1
	145	6	23	174
	2			2
	6		1	7
	3		1	4
	3	1	5	9
	1		3	4
	1			1
	2		3	5
		1	1	2
ntused	176	22	39	237
Gunshot	24		3	27
Incised	52	38	4	94
Infected	250	18	33	301
Lacerated	411	38	49	498
Int. Injuries				
Penerating				
Punctured	39	6	4	49
Scalp	94	8	30	132
orms	1			1
Total	2867	271	425	3563

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TABLE No. 7.

OCTOBER, 1903.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Abortion	....	....	....	....	Epistaxes	....	....	1	1
Abrasions	10	3	17	30	Erythema	....	....	....	....
Abscesses	75	....	20	95	Erysipelas	....	....	4	4
Acne	2	....	1	3	Excoriations	1	....	....	1
Adenitis	14	1	2	17	Extraction of Teeth	1	....	....	1
Alcoholism	99	5	10	114	Fevers, Malarial	230	33	48	311
Alleged Rape	1	....	....	1	" Remittent	18	....	....	18
Amenorrhoea	2	....	....	2	" Typhoid	....	....	....	....
Amputations	2	1	....	3	Fistula	3	....	2	5
Anaemia	3	....	8	11	Foreign Bodies Rem	14	22	7	43
Anasarca	4	....	....	4	Fractures	35	5	3	43
Anchylosis	....	....	....	....	Frost Bites	....	....	....	....
Angina Pectoris	1	....	....	1	Furuncles	7	2	1	10
Anthrax	....	....	....	....	Gangrene	....	....	....	....
Apoplexy	....	....	....	....	Gastralgia	3	....	2	5
Appendicitis	....	....	....	....	Gastritis	7	2	....	9
Ascitis	2	....	....	2	Gastro Enteritis	3	1	2	6
Asphyxiation	6	....	....	6	Glaucoma	....	....	....	....
Asthma	44	....	3	47	Gingivitis	....	....	....	....
Balanitis	....	....	....	....	Goitre	....	....	....	....
Bitis, Cat	1	....	....	1	Habit, Cocaine	4	....	....	4
" Dog	23	....	5	28	Habit, Morphine	4	....	....	4
" Insect	3	....	2	5	Haematoma	....	....	....	....
" Horse	1	....	....	1	Haematemisis	....	....	....	....
" Human.	....	....	1	1	Haemoptysis	2	....	....	2
" Rat	10	....	....	10	Heart Disease, Func	3	....	1	4
" Snake	....	....	....	....	Heart Disease, Orga	7	....	1	8
Bronchitis	218	4	11	233	Hemorrhages	3	....	....	3
Burns	6	4	3	13	Hemorrhoidz	11	1	1	13
Bursitis	....	2	....	2	Hemiplegia	1	....	....	1
Cancer	....	....	2	2	Hepatitis	....	....	....	....
Carbuncles	1	....	....	1	Hernia	1	....	....	1
Caries	....	....	....	....	Herpes Zoster	3	3	2	8
Catarrh, Gastric	....	....	....	....	Hypochondria	....	....	....	....
Cattarh, Nasal	3	4	....	7	Hysteria	....	....	....	....
Cellulitis	22	....	....	22	Impetigo	....	....	....	....
Cephalalgia	5	....	1	6	Icterus	4	1	2	7
Cholera Infantum	....	....	....	....	Inanition	....	....	....	....
Cholera Morbus	....	....	....	....	Incontinence of Urine	4	....	....	4
Chores	....	....	....	....	Indigestion	11	4	....	15
Cirrhosis	....	....	1	1	Inflammation	3	....	....	3
Clavis	....	....	....	....	Insolations	....	....	....	....
Coccydinia	....	....	....	....	Insomnia	3	....	1	4
Colica Pictonum	....	....	....	....	Intestinal Colic	4	....	....	4
Colic, Infantile	....	....	....	....	La Grippe	3	....	....	3
Concussion of Brain	1	....	2	3	Laryngitis	2	....	....	2
Congestion of Lungs	....	....	....	....	Leucorrhoea	2	....	....	2
Conjunctivitis	3	....	....	3	Lipoma	....	....	....	....
Constipation	56	4	2	62	Locomotor Ataxia	....	....	....	....
Convulsions, Infantile	....	....	....	....	Lumbago	33	1	8	42
Coryza	3	....	3	6	Lymphangitis	....	....	....	....
Cystitis	10	....	....	10	Mastitis	1	....	....	1
Debility	26	....	....	26	Melancholia	....	....	....	....
Dentition	1	....	....	1	Menopause	2	....	....	2
Dermatitis	20	2	....	22	Menorrhagia	1	....	....	1
Diabetes	....	....	....	....	Metritis	....	....	....	....
Diarrhoea	26	....	....	26	Metrorrhagia	1	....	....	1
Diphtheria	....	....	....	....	Migrane	....	....	....	....
Dislocations	2	....	....	2	Miscarriage	....	....	....	....
Dysentery	27	....	....	27	Myalgia	27	....	....	27
Dysmenorrhoea	1	....	....	1	Nausea	....	....	....	....
Dyspepsia	29	....	....	29	Necrosis	8	....	....	8
Eczema	14	5	8	27	Nephritis	4	1	....	5
Electric Shock	....	....	....	....	Nervous Prostration	1	2	....	3
Empyema	....	....	....	....	Neuralgia	25	....	....	25
Endo Carditis	....	....	1	1	Neurasthenia	9	1	....	10
Endo Metritis	11	....	1	12	Neuritis	5	....	....	5
Enteralgia	....	....	....	....	Neurosis	....	....	....	....
Enteritis	19	1	1	21	Odontalgia	....	....	....	....
Entero-Colitis	1	....	....	1	Oedema	....	....	....	....
Enlarged Glands	....	....	....	....	Opthalmia	....	....	....	....
Epididimitis	....	....	....	....	Onychia	....	....	....	....
Epilepsy	5	2	1	8	Orchitis	5	....	..	5

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TABLE No. 7.—Continued.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Otalgia	....	....	1	1	Sciatica	2	....	....	2
Otitis Externa	....	....	....	....	Scrofula	....	1	....	1
Otitis Media	....	....	....	....	Seborrhoea	....	....	....	....
Ovaritis	4	....	....	4	Senility	1	....	....	1
Paralysis	2	....	....	2	Senile Itch	....	....	....	....
Paresis	....	....	2	2	Septicaemia	1	....	....	1
Parotiditis	....	....	....	....	Singultus	....	....	....	....
Paronychia	....	1	....	1	Sprains	33	5	3	41
Pediculosis	2	....	....	2	Stomatitis	4	1	1	6
Peritonitis	....	....	....	....	Strictures	....	....	....	....
Pertusis	1	....	....	1	Syncope	2	....	....	2
Periostitis	9	....	8	17	Synovitis	....	....	....	....
Pharyngitis	1	1	....	2	Syphilis	29	1	....	30
Phimosis	....	....	....	....	Taenia Solium	5	....	....	5
Phlebitis	....	....	....	....	Taenia Circinati	....	....	....	....
Phthisis Pulmonalis	27	....	....	27	Thecitis	....	....	....	....
Pleurisy	18	....	....	18	Tonsilitis	44	3	7	54
Pleurodynia	....	....	2	2	Torticolis	1	....	....	1
Plumbism	....	....	....	....	Trachitis	....	....	....	....
Pneumonia	1	....	....	1	Toxaemia	....	....	....	....
Poisoning, Ivy	3	....	....	3	Thrush	....	....	....	....
" Carb. Acid	....	....	....	....	Tumors	1	....	....	1
" Chloroform	....	....	....	....	Ulcers	145	6	23	174
" Arsenic	....	....	....	....	Uraemia	....	....	....	....
" Cocaine	1	....	....	1	Urethritis	2	....	....	2
" Lye	....	....	....	....	Urticara	6	....	1	7
" Morphine	1	1	....	2	Uterine	3	....	1	4
" Opium	....	....	....	....	Vaccine Sores	3	1	5	9
Pregnancy	....	....	....	....	Vaginitis	1	....	3	4
Proctitis	....	....	....	....	Varicocele	....	....	....	....
Prostitis	....	....	....	....	Varicose Veins	1	....	....	1
Pruritis	....	....	....	....	Vertigo	2	....	3	5
Psoriasis	....	....	....	....	Varicella	....	1	1	2
Ptyalism	....	....	....	....	Whitlow	....	....	....	....
Pulmonary, not defined	....	....	....	....	Wounds, Contused	176	22	39	237
Pyrosis	....	....	....	....	" Gunshot	24	....	3	27
Rachitis	....	....	....	....	" Incised	52	38	4	94
Ranula	....	....	....	....	" Infected	250	18	33	301
Retention of Urine	2	....	....	2	" Lacerated	411	38	49	498
Rhinitis	....	....	....	....	" Int. Injuries	....	....	....	....
Rheumatism	123	2	9	134	" Penerating	....	....	....	....
Rubeola	....	....	....	....	" Punctured	39	6	4	49
Salivation	....	....	....	....	" Scalp	94	8	30	132
Scabies	7	....	1	8	Worms	1	....	....	1
Scalds	....	....	....	....					
Scarletina	....	....	....	....	Total	2867	271	425	3563

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TABLE No. 8.

NOVEMBER, 1903.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.
Abortion	....	....	....	....	Epistaxes	4	....	....	4
Abrasions	7	2	12	21	Erythema	....	....	1	1
Abscesses	82	2	16	100	Erysipelas	1	....	1	2
Acne	....	....	....	....	Excoriations	....	1	....	1
Adenitis	1	....	....	1	Extraction of Teeth	....	....	....	....
Alcoholism	110	2	3	115	Fevers, Malarial	150	11	15	176
Alleged Rape	2	....	....	2	" Remittent	1	....	....	1
Amenorrhoea	....	....	....	....	" Typhoid	....	....	....	....
Amputations	3	....	....	3	Fistula	2	....	1	3
Anaemia	2	....	2	4	Foreign Bodies Rem.	19	15	3	37
Anasarca	5	....	....	5	Fractures	57	4	5	66
Anchylosis	....	....	....	....	Frost Bites	....	....	....	....
Angina Pectoris	6	....	....	6	Furuncles	39	1	....	40
Anthrax	....	....	....	....	Gangrene	....	....	....	....
Apoplexy	....	....	....	....	Gastralgia	1	....	....	1
Appendicitis	....	....	....	....	Gastritis	11	1	....	12
Ascitis	1	....	....	1	Gastro Enteritis	2	....	....	2
Asthma	17	....	....	17	Glaucoma	1	....	....	1
Balanitis	....	....	....	....	Gingivitis	....	....	....	....
Bitis, Cat	....	....	....	....	Goitre	....	....	....	....
" Dog	21	3	5	29	Habit, Cocaine	....	....	....	....
" Insect	2	....	....	2	Habit, Morphine	3	....	....	3
" Horse	....	....	....	....	Haematoma	....	....	....	....
" Human	1	....	....	1	Haematemisis	....	....	....	....
" Rat	....	....	....	....	Haemoptysis	....	....	....	....
" Snake	....	....	....	....	Heart Disease, Func.	3	....	2	5
Bronchitis	258	15	24	297	Heart Disease, Organ.	8	....	1	9
Burns	42	5	4	51	Hemorrhages	1	....	....	1
Bursitis	1	1	....	2	Hemorrhoids	8	2	1	11
Cancer	1	....	....	1	Hemiplegia	7	....	....	7
Carbuncles	28	....	....	28	Hepatitis	....	....	....	....
Caries	....	....	....	....	Hernia	....	....	2	2
Catarrh, Gastric	....	1	....	1	Herpes Zoster	2	1	....	3
Catarrh, Nasal	....	3	....	3	Hypochondria	1	....	....	1
Cellulitis	37	....	....	37	Hysteria	....	....	....	....
Cephalagia	1	....	1	2	Impetigo	....	....	....	....
Cholera Infantum	....	....	....	....	Icterus	....	1	....	1
Cholera Morbus	....	....	....	....	Inanition	1	....	....	1
Chorea	....	....	....	....	Incontinence of Urine	3	....	....	3
Cirrhosis	....	....	....	....	Indigestion	14	4	....	18
Clavis	....	....	....	....	Inflammation	....	....	....	....
Coccydinia	....	....	....	....	Insolations	....	....	....	....
Colica Pictonum	....	....	....	....	Insomnia	....	....	....	....
Colic, Infantile	....	....	....	....	Intestinal Colic	5	....	....	5
Concussion of Brain	....	....	1	1	La Grippe	14	5	....	19
Congestion of Lungs	....	....	....	....	Laryngitis	1	....	....	1
Conjunctivitis	....	1	2	3	Leucorrhoea	2	....	1	3
Constipation	49	....	2	51	Lipoma	....	....	....	....
Convulsions, Infantile.	....	....	....	....	Locomotor Ataxia	....	....	....	....
Coryza	5	....	....	5	Lumbago	22	....	1	23
Cystitis	14	....	2	16	Lymphangitis	....	....	....	....
Debility	19	....	....	19	Mastitis	9	....	....	9
Dentition	1	....	....	1	Melancholia	....	....	....	....
Dermatitis	28	1	....	29	Menopause	3	....	....	3
Diabetes	....	....	....	....	Menorrhagia	1	....	....	1
Diarrhoea	11	....	....	11	Metritis	....	1	....	1
Diphtheria	....	....	1	1	Metrorrhagia	....	....	....	....
Dislocations	3	1	....	4	Migrane	....	....	....	....
Dysentery	16	....	....	16	Miscarriage	....	....	....	....
Dysmenorrhoea	1	1	....	2	Myalgia	23	....	....	23
Dyspepsia	20	....	....	20	Nausea	....	....	....	....
Eczema	15	7	13	35	Necrosis	3	....	....	3
Electric Shock	....	....	....	....	Nephritis	25	1	....	26
Empyema	....	....	....	....	Nervous Prostration	1	....	....	1
Endo Carditis	....	....	....	....	Neuralgia	23	2	....	25
Endo Metritis	5	....	....	5	Neurasthenia	6	1	1	8
Enteralgia	....	....	....	....	Neuritis	4	....	....	4
Enteritis	6	....	1	7	Neurosis	1	....	1	2
Entero-Colitis	1	....	....	1	Odontalgia	1	....	....	1
Enlarged Glands	1	....	....	1	Oedema	2	....	....	2
Epididimitis	1	....	....	1	Opthalmia	....	....	....	....
Epilepsy	3	....	2	5	Onychia	....	2	....	2

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TABLE No. 8.—Continued.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Orchitis	2	....	....	2	Scarletina	....	....	....	....
Otalgia	....	1	....	1	Sciatica	....	....	....	....
Otitis Externa	....	....	....	....	Scrofula	....	....	....	....
Otitis Media	1	....	....	1	Seborrhoea	....	....	....	....
Ovaritis	8	1	....	9	Senility	1	....	....	1
Paralysis	1	1	....	2	Senile Itch	....	....	....	....
Paresis	....	....	1	1	Septicaemia	....	....	....	....
Parotiditis	1	....	....	1	Singultus	1	....	....	1
Paronychia	....	5	....	5	Sprains	41	2	8	51
Pediculosis	5	....	....	5	Stomatitis	6	....	....	6
Peritonitis	....	....	....	....	Strictures	....	1	....	1
Pertusis	2	....	....	2	Syncope	....	....	....	....
Periostitis	3	....	1	4	Synovitis	2	....	....	2
Phanyngitis	1	1	5	7	Syphilis	42	....	2	44
Phimosis	....	....	....	....	Taenia Solium	1	....	....	1
Phlebitis	....	....	....	....	Taenia Circinati	....	....	....	....
Phthisis Pulmonalis	23	....	1	24	Thecitis	....	....	....	....
Pleurisy	37	1	....	38	Tonsilitis	49	3	4	56
Pleurodynia	....	....	2	2	Torticolis	2	....	....	2
Plumbism	....	....	....	....	Trachitis	....	....	....	....
Pneumonia	1	....	....	1	Toxaemia	....	....	....	....
Poisoning, Ivy	....	....	....	....	Thrush	....	....	....	....
" Carbol. Acid	....	....	....	....	Tumors	1	....	....	1
" Chloroform	....	....	....	....	Ulcers	126	23	23	172
" Arsenic	....	....	....	....	Uraemia	....	....	....	....
" Lead	....	....	....	....	Urethritis	6	....	....	6
" Lye	....	....	....	....	Urticara	18	....	1	19
" Morphine	....	....	....	....	Uterine	....	....	2	2
" Opium	1	....	....	1	Vaccine Sores	3	1	10	14
Pregnancy	....	....	....	....	Vaginitis	1	....	1	2
Proctitis	....	....	....	....	Varicocele	....	....	....	....
Prostitis	3	....	....	3	Varicose Veins	1	....	....	1
Pruritis	....	....	....	....	Vertigo	4	1	1	6
Psoriasis	....	....	....	....	Varicella	....	....	....	....
Ptyalism	....	1	....	1	Whitlow	....	....	....	....
Pulmonary, not defined	....	....	....	....	Wounds, Contused	161	14	22	197
Pyrosis	....	....	....	....	" Gunshot	22	2	1	25
Rachitis	....	....	....	....	" Incised	89	16	20	125
Ranula	....	....	....	....	" Infected	247	14	53	314
Retention of Urine	....	....	....	....	" Lacerated	246	42	27	315
Rhinitis	....	....	1	1	" Int. Injuries	....	....	2	2
Rheumatism	69	13	8	90	" Penetrating	....	....	....	....
Rubeola	1	....	....	1	" Punctured	27	2	14	43
Salivation	....	....	....	....	" Scalp	93	9	5	107
Scabies	6	....	....	6					
Scalds	....	....	1	1	Total	2667	252	343	3262

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TABLE No. 9.

DECEMBER, 1903.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.
Abortion	....	....	....	....
Abrasions	8	....	4	12
Abscesses	79	....	2	81
Acne	....	....	....	....
Adenitis	4	....	....	4
Alcoholism	97	1	7	105
Alleged Rape	....	....	....	....
Amenorrhoea	....	....	....	....
Amputations	7	....	....	7
Anaemia	8	....	13	21
Anasarca	10	....	3	13
Anchylosis	1	....	....	1
Angina Pectoris	1	....	....	1
Anthrax	....	....	....	....
Apoplexy	....	....	....	....
Appendicitis	....	....	....	....
Ascitis	....	....	....	....
Asphyxiations	....	....	1	1
Asthma	39	....	....	39
Balanitis	....	....	....	....
Bitis, Cat	....	....	....	....
" Dog	17	6	1	24
" Insect	4	....	....	4
" Horse	....	....	....	....
" Human	4	....	....	4
" Rat	....	....	....	....
" Snake	....	....	....	....
Bronchitis	404	22	28	454
Burns	89	7	4	100
Bursitis	....	....	....	....
Cancer	....	....	1	1
Carbuncles	26	....	1	27
Caries	....	....	....	....
Catarrh, Gastric	....	....	....	....
Catarrh, Nasal	1	....	....	1
Cellulitis	38	....	....	38
Cephalagia	6	....	1	7
Cholera Infantum	....	....	....	....
Cholera Morbus	....	....	....	....
Chorea	....	....	....	....
Cirrhosis	1	....	....	1
Clavis	....	....	....	....
Coccydinia	....	....	....	....
Colica Pictonum	1	....	....	1
Colic, Infantile	....	....	....	....
Concussion of Brain	....	....	....	....
Congestion of Lungs	....	....	....	....
Conjunctivitis	4	4	3	11
Constipation	57	1	7	65
Convulsions, Infantile	....	....	....	....
Coryza	12	....	1	13
Cystitis	11	....	....	11
Debility	15	1	....	16
Dentition	....	....	....	....
Dermatitis	16	1	2	19
Diabetes	....	....	....	....
Diarrhoea	18	....	1	19
Diphtheria	....	....	....	....
Dislocations	6	....	....	6
Dysentery	14	....	....	14
Dysmenorrhoea	3	....	....	3
Dyspepsia	20	....	....	20
Eczema	23	1	11	35
Electric Shock	....	....	....	....
Empyema	....	....	....	....
Endo Carditis	....	....	....	....
Endo Metritis	1	....	....	1
Enteralgia	....	....	....	....
Enteritis	3	....	....	3
Entero-Colitis	....	....	....	....
Enlarged Glands	1	....	....	1
Epididimitis	1	....	....	1

DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Epilepsy	3	....	3	6
Epistaxes	1	....	....	1
Erythema	....	....	....	....
Erysipelas	....	....	2	2
Excoriations	....	1	....	1
Extraction of Teeth	....	....	....	....
Fevers, Malarial	95	5	4	104
" Remittent	1	....	....	1
" Typhoid	..	....	....	....
Fistula	1	....	1	2
Foreign Bodies Rem.	14	11	4	29
Fractures	41	7	4	52
Frost Bites	3	1	....	4
Furuncles	11	....	1	12
Gangrene	7	1	....	8
Gastralgia	....	....	....	....
Gastritis	15	1	....	16
Gastro Enteritis	2	1	3	6
Glaucoma	....	....	....	....
Gingivitis	....	....	....	....
Goitre	....	....	....	....
Habit, Cocaine	1	....	....	1
Habit, Morphine	5	....	....	5
Haematoma	....	....	....	....
Haematemisis	....	....	....	....
Haemoptysis	2	....	....	2
Heart Disease, Func.	1	....	....	1
Heart Disease, Organ.	19	....	2	21
Hemorrhages	....	....	....	....
Hemorrhoids	18	3	....	21
Hemiplegia	9	....	....	9
Hepatitis	....	....	....	....
Hernia	....	....	....	....
Herpest Zoster	3	....	....	3
Hypochondria	1	....	....	1
Hysteria	1	....	....	1
Impetigo	2	....	....	2
Icterus	1	....	....	1
Inanition	....	....	....	....
Incontinence of Urine	5	2	....	7
Indigestion	10	....	....	10
Inflammation	3	2	....	5
Insolations	....	....	....	....
Insomnia	3	....	....	3
Intestinal Colic	6	....	....	6
La Grippe	40	2	2	44
Laryngitis	4	....	....	4
Leucorrhoea	1	....	....	1
Lipoma	....	....	....	....
Locomotor Ataxia	....	....	....	....
Lumbago	31	....	4	35
Lymphangitis	4	....	....	4
Mastritis	....	....	....	....
Melancholia	....	....	....	....
Menopause	....	....	1	1
Menorrhagia	1	....	....	1
Metritis	....	....	....	....
Metrorrhagia	....	1	....	1
Migrane	....	....	....	....
Miscarriage	....	....	....	....
Myalgia	21	....	....	21
Nausea	1	....	....	1
Necrosis	5	....	....	5
Nephritis	18	1	2	21
Nervous Prostration	1	2	....	3
Neuralgia	25	1	1	27
Neurasthenia	5	....	....	5
Neuritis	12	....	....	12
Neurosis	1	....	5	6
Odontalgia	....	1	....	1
Oedema	....	....	....	....
Opthalmia	....	....	....	....

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TABLE No. 9.—Continued.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.
Onychia	....	....	....	....
Orchitis	2	....	....	2
Otalgia	....	....	....	....
Otitis Externa	....	1	....	1
Otitis Media	....	....	....	....
Ovaritis	3	....	....	3
Paralysis	3	....	1	4
Paresis	....	....	....	....
Parotiditis	3	....	....	3
Paronychia	3	....	....	3
Pediculosis	2	....	....	2
Peritonitis	....	....	....	....
Pertusis	....	....	....	....
Periostitis	8	....	....	8
Pharyngitis	4	....	....	4
Phimosis	....	....	....	....
Phlebitis	....	....	....	....
Phthisis Pulmonalis	38	....	2	40
Pleurisy	63	1	....	64
Pleurodynia	....	....	....	....
Plumbism	1	....	....	1
Pneumonia	2	....	....	2
Poisoning, Ivy	....	....	....	....
" Carbol. Acid	1	....	1	2
" Chloroform	....	....	....	....
" Arsenic	....	....	....	....
" Lead	....	....	....	....
" Lye	....	....	....	....
" Morphine	2	....	....	2
" Opium	1	....	....	1
Pregnancy	1	....	....	1
Proctitis	....	....	....	....
Prostitis	5	....	....	5
Pruritis	....	....	....	....
Psoriasis	3	....	....	3
Ptyalism	....	....	....	....
Pulmonary, not defined	....	....	....	....
Pyrosis	....	....	....	....
Rachitis	....	....	....	....
Ranula	....	....	....	....
Retention of Urine	2	....	....	2
Rhinitis	....	....	....	....
Rheumatism	103	8	12	123
Rubeola	....	....	....	....
Salivation	....	....	....	....
Scabies	1	1	2	4
Scalds	1	....	....	1
Scarletina	....	....	....	....
Sciatica	1	....	....	1
Scrofula	....	....	....	....
Seborrhoea	....	....	....	....
Senility	1	....	....	1
Senile Itch	....	....	....	....
Septicaemia	....	....	....	....
Singultus	....	....	....	....
Sprains	82	10	17	109
Stomatitis	....	1	5	6
Strictures	....	....	....	....
Syncope	1	....	....	1
Synovitis	2	....	....	2
Syphilis	42	....	4	46
Taenia Solium	1	....	....	1
Taenia Circinati	4	....	....	4
Thecitis	....	....	....	....
Tonsilitis	54	4	13	71
Torticolis	....	....	....	....
Trachitis	....	....	....	....
Toxaemia	....	....	....	....
Thrush	....	....	....	....
Tumors	1	....	....	1
Ulcers	214	25	19	258
Uraemia	....	....	....	....
Urethritis	2	....	....	2
Urticara	9	....	1	10
Uterine	1	....	....	1
Vaccinia	....	....	....	....
Vaccine Sores	....	....	....	....
Vaginitis	....	....	....	....
Varicocele	....	....	....	....
Varicose Veins	....	....	....	....
Vertigo	1	....	....	1
Varicella	....	....	....	....
Whitlow	....	....	....	....
Wounds, Contused	171	6	23	200
" Gunshot	16	1	1	18
" Incised	51	8	20	79
" Infected	386	12	32	430
" Lacerated	284	39	73	396
" Int. Injuries	1	....	1	2
" Pentrating	....	....	....	....
" Punctured	20	....	3	23
" Scalp	123	6	2	131
Worms	1	....	....	1
Total	3212	210	362	3784

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TABLE No. 10.

JANUARY, 1904.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Abortion	....	....	....	....	Epistaxes	1	....	....	1
Abrasions	10	2	6	18	Erythema	....	....	....	....
Abscesses	100	....	6	106	Erysipelas	1	....	1	2
Acne	....	....	....	....	Excoriations	....	1	....	1
Adenitis	1	....	....	1	Extraction of Teeth	....	....	....	....
Alcoholism	70	1	5	76	Fevers, Malarial	54	20	23	97
Alleged Rape	....	....	....	....	" Remittent	....	....	....	....
Amenorrhoea	....	....	....	....	" Typhoid	....	....	....	....
Amputations	4	....	....	4	Fistula	3	....	....	3
Anaemia	3	....	2	5	Foreign Bodies Rem.	10	9	3	22
Anasarca	8	....	....	8	Fractures	53	2	3	58
Anchylosis	1	....	....	1	Frost Bites	49	3	6	58
Angina Pectoris	3	....	....	3	Furuncles	10	1	....	11
Anthrax	....	....	....	....	Gangrene	....	....	....	....
Apoplexy	1	....	....	1	Gastralgia	....	....	1	1
Appendicitis	....	....	....	....	Gastritis	22	....	....	22
Ascitis	....	....	....	....	Gastro Enteritis	1	....	....	1
Asthma	19	....	....	19	Glaucoma	....	....	....	....
Balanitis	....	....	....	....	Gingivitis	....	....	....	....
Bitis, Cat	....	....	....	....	Goitre	....	....	....	....
" Dog	24	2	1	27	Habit, Cocaine	....	....	....	....
" Insect	6	....	....	6	Habit, Morphine	3	....	....	3
" Horse	6	....	....	6	Haematoma	....	....	....	....
" Human	....	....	2	2	Haematemisis	....	....	....	....
" Rat	....	....	....	....	Haemoptysis	1	....	....	1
" Snake	....	....	....	....	Heart Disease, Func.	5	1	1	7
Bronchitis	399	26	71	496	Heart Disease, Organ.	10	....	2	12
Burns	109	5	35	149	Hemorrhages	....	....	....	....
Bursitis	....	....	....	....	Hemorrhoids	7	2	....	9
Cancer	....	....	....	....	Hemiplegia	3	....	....	3
Carbuncles	55	....	....	55	Hepatitis	....	....	....	....
Caries	....	....	1	1	Hernia	....	....	....	....
Catarrh, Gastric	....	....	....	....	Herpest Zoster	....	....	....	....
Catarrh, Nasal	2	6	....	8	Hypochondria	1	....	....	1
Cellulitis	50	....	1	51	Hysteria	2	....	....	2
Cephalagia	4	....	1	5	Impetigo	....	....	....	....
Cholera Infantum	....	....	....	....	Icterus	3	....	....	3
Cholera Morbus	....	....	....	....	Inanition	....	....	....	....
Chorea	....	....	....	....	Incontinence of Urine	1	....	....	1
Cirrhosis	....	....	....	....	Indigestion	7	2	....	9
Clavis	....	....	....	....	Inflammation	....	4	....	4
Coccydinia	....	....	....	....	Insolations	....	....	....	....
Colica Pictonum	....	....	....	....	Insomnia	1	....	....	1
Colic, Infantile	....	....	....	....	Intestinal Colic	5	....	....	5
Concussion of Brain	....	....	....	....	La Grippe	87	....	2	89
Congestion of Lungs	....	....	....	....	Laryngitis	5	....	....	5
Conjunctivitis	3	2	....	5	Leucorrhoea	2	....	....	2
Constipation	76	3	3	82	Lipoma	....	....	....	....
Convulsions, Infantile	....	....	....	....	Locomotor Ataxia	....	....	....	....
Coryza	9	....	....	9	Lumbago	34	....	3	37
Cystitis	18	3	....	21	Lymphangitis	1	....	....	1
Debility	18	....	....	18	Mastitis	....	....	....	....
Dentition	1	....	....	1	Melancholia	....	....	....	....
Dermatitis	9	....	....	9	Menopause	....	....	....	....
Diabetes	....	....	....	....	Menorrhagia	1	....	....	1
Diarrhoea	14	....	....	14	Metritis	....	....	....	....
Diphtheria	....	....	....	....	Metrorrhagia	....	....	....	....
Dislocations	2	....	1	3	Migrane	1	....	....	1
Dysentery	18	....	....	18	Miscarriage	....	....	....	....
Dysmenorrhoea	....	....	....	....	Myalgia	15	....	1	16
Dyspepsia	37	....	3	40	Nausea	....	....	....	....
Eczema	31	4	8	43	Necrosis	7	....	....	7
Electric Shock	....	....	....	....	Nephritis	17	....	3	20
Empyema	....	....	....	....	Nervous Prostration	....	1	....	1
Endo Carditis	....	....	....	....	Neudalgia	32	2	9	43
Endo Metritis	1	1	....	2	Neurasthenia	2	....	....	2
Enteralgia	....	....	....	....	Neuritis	8	....	....	8
Enteritis	8	....	....	8	Neurosis	2	....	3	5
Entero-Colitis	....	....	....	....	Odontalgia	1	....	....	1
Enlarged Glands	5	....	....	5	Oedema	2	....	....	2
Epididimitis	1	....	....	1	Opthalmia	....	....	....	....
Epilepsy	6	....	....	6	Onychia	....	....	....	....

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TABLE No. 10.—Continued.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.
Orchitis	....	....	1	1
Otalgia	1	....	....	1
Otitis Externa	....	....	....	....
Otitis Media	1	....	....	1
Ovaritis	4	1	....	5
Paralysis	3	....	1	4
Paresis	....	....	....	....
Parotiditis	3	....	....	3
Paronychia	3	4	....	7
Pediculosis	6	....	....	6
Peritonitis	....	....	1	1
Pertusis	....	....	....	....
Periostitis	15	....	....	15
Pharyngitis	5	1	6	12
Phimosis	....	....	....	....
Phlebitis	....	....	....	....
Phthisis Pulmonalis	45	....	2	47
Pleurisy	53	2	....	55
Pleurodynia	....	....	2	2
Plumbism	1	....	....	1
Pneumonia	4	....	....	4
Poisoning, Ivy	....	....	....	....
" Carbol. Acid	....	....	....	....
" Chloroform	....	....	....	....
" Arsenic	....	....	....	....
" Lead	....	....	....	....
" Lye	....	1	....	1
" Morphine	1	....	....	1
" Opium	1	....	....	1
Pregnancy	....	....	....	....
Proctitis	....	....	....	....
Prostitis	2	....	....	2
Pruritis	....	....	....	....
Psoriasis	....	....	....	....
Ptyalism	....	....	....	....
Pulmonary, not defined	....	....	....	....
Pyrosis	....	....	1	1
Rachitis	....	....	....	....
Ranula	....	....	....	....
Retention of Urine	1	....	....	1
Rhinitis	....	....	....	....
Rheumatism	101	9	17	127
Rubeola	1	....	....	1
Salivation	....	....	....	....
Scabies	12	....	2	14
Scalds	....	....	....	....
Scarletina	....	....	....	....

DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Sciatica	....	....	....	....
Scrofula	....	2	....	2
Seborrhoea	1	....	....	1
Senility	1	....	....	1
Senile Itch	....	....	....	....
Septicaemia	....	....	....	....
Singultus	....	....	....	....
Sprains	75	6	12	93
Stomatitis	4	....	....	4
Strictures	1	....	....	1
Syncope	1	....	....	1
Synovitis	3	....	....	3
Syphilis	52	....	2	54
Taenia Solium	....	....	....	....
Taenia Circinati	1	....	....	1
Thecitis	....	....	....	....
Tonsilitis	80	9	11	100
Torticolis	2	....	....	2
Trachitis	....	....	....	....
Toxaemia	....	....	....	....
Thrush	....	....	....	....
Tumors	3	....	....	3
Ulcers	214	28	32	274
Uraemia	1	....	....	1
Urethritis	1	....	2	3
Urticara	15	....	....	15
Uterine	2	....	....	2
Vaccinia	....	....	....	....
Vaccine Sores	4	....	....	4
Vaginitis	1	....	....	4
Varicocele	....	....	....	....
Varicose Veins	....	....	....	....
Vertigo	3	....	....	3
Varicella	1	....	....	1
Whitlow	....	....	....	....
Wounds, Contused	105	16	18	139
" Gunshot	21	....	2	23
" Incised	45	8	20	73
" Infected	327	6	51	384
" Lacerated	277	26	17	320
" Int. Injuries	2	....	....	2
" Penetrating	....	....	....	....
" Punctured	33	1	6	40
" Scalp	93	9	....	102
Total	3244	232	413	3889

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TABLE No. 11.

FEBRUARY, 1904.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Abortion	....	....	....	....	Epilepsy	4	....	....	4
Abrasions	10	2	10	22	Epistaxes	2	....	....	2
Abscesses	79	....	10	89	Erythema	3	....	....	3
Acne	....	....	....	....	Erysipelas	....	....	1	1
Adenitis	3	....	....	3	Excoriations	....	1	....	1
Alcoholism	91	3	2	96	Extraction of Teeth	....	....	....	....
Alleged Rape	1	....	....	1	Fever, Malaria	99	21	12	132
Amenorrhoea	1	....	....	1	" Remittent	....	....	....	....
Amputations	6	....	....	6	" Typhoid	....	....	....	....
Anaemia	10	....	9	19	Fistula	3	....	....	3
Anasarca	6	....	....	6	Foreign Bodies Rem'd	9	3	4	16
Anchylosis	....	....	....	....	Fractures	37	2	2	41
Angina Pectoris	....	....	....	....	Frost Bites	66	3	5	74
Anthrax	....	....	....	....	Furuncles	7	....	....	7
Apoplexy	....	....	....	....	Gangrene	....	....	1	1
Appendicitis	....	....	....	....	Gastralgia	....	1	....	1
Ascitis	1	....	....	1	Gastritis	23	....	....	23
Asphyxiations	....	....	1	1	Gastro Enteritis	1	....	....	1
Asthma	29	....	....	29	Glaucoma	....	....	....	....
Balanitis	....	....	....	....	Gingivitis	....	....	3	3
Bitis, Cat	....	....	1	1	Goitre	....	....	....	....
" Dog	21	2	2	25	Habit, Cocaine	....	....	....	....
" Insect	....	....	....	....	Habit, Morphine	2	....	....	2
" Horse	....	....	....	....	Haematoma	....	....	....	....
" Human	1	1	....	2	Haematemisis	....	....	....	....
" Rat	....	....	....	....	Haemoptysis	....	1	....	1
" Snake	....	....	....	....	Heart Dis., Functional	14	3	....	17
Bronchitis	604	43	33	680	Heart Dis., Organic	3	....	....	3
Burns	89	2	....	91	Hemorrhages	....	....	....	....
Bursitis	2	....	....	2	Hemorrhoids	16	....	....	16
Cancer	1	....	....	1	Hemiplegia	....	....	....	....
Carbuncles	30	....	1	31	Hepatitis	1	....	....	1
Caries	....	....	....	....	Hernia	1	....	....	1
Catarrh, Gastric	....	....	....	....	Herpes Zoster	2	....	....	2
Catarrh, Nasal	1	3	....	4	Hypochondria	....	....	....	....
Cellulitis	34	....	9	43	Hysteria	....	....	....	....
Cephalalgia	3	....	1	4	Impetigo	....	....	....	....
Cholera Infantum	....	....	....	....	Icterus	3	....	....	3
Cholera Morbus	....	....	....	....	Inanition	....	....	....	....
Chorea	....	....	....	....	Incontinence of Urine	1	....	....	1
Cirrhosis	1	....	....	1	Indigestion	....	2	....	2
Clavis	....	....	....	....	Inflammation	....	1	....	1
Coccydinia	....	....	....	....	Isolations	....	....	....	....
Colica Pictonum	....	....	....	....	Insomnia	1	2	2	5
Colic, Infantile	....	....	....	....	Intestinal Colic	1	....	....	1
Concussion of Brain	....	....	....	....	La Grippe	381	15	5	401
Congestion of Lungs	....	....	....	....	Laryngitis	13	1	....	14
Conjunctivitis	4	1	1	6	Leucorrhoea	4	....	....	4
Constipation	79	8	3	90	Lipoma	1	....	....	1
Convulsions, Infantile	....	....	....	....	Locomotor Ataxia	....	....	....	....
Coryza	21	....	3	24	Lumbago	49	3	6	58
Cystitis	18	1	....	19	Lymphangitis	....	....	....	....
Debility	12	....	1	13	Mastitis	....	....	....	....
Dentition	....	....	....	....	Melancholia	....	....	4	4
Dermatitis	21	....	....	21	Menopause	....	....	....	....
Diabetes	....	....	....	....	Menorrhagia	....	....	....	....
Diarrhoea	3	....	1	4	Metritis	1	....	....	1
Diphtheria	....	....	....	....	Metrorrhagia	....	....	....	....
Dislocations	5	....	1	6	Migrane	....	....	....	....
Dysentery	26	....	....	26	Miscarriage	....	....	....	....
Dysmenorrhoea	2	5	....	7	Myalgia	2	....	....	2
Dyspepsia	21	....	2	23	Nausea	11	....	....	11
Eczema	31	8	8	47	Necrosis	2	....	....	2
Electric Shock	....	....	....	....	Nephritis	17	1	1	19
Empyema	....	....	....	....	Nervous Prostration	....	....	....	....
Endo Carditis	....	....	....	....	Neuralgia	53	4	4	61
Endo Metritis	5	....	....	5	Neurasthenia	7	....	....	7
Enteralgia	....	....	3	3	Neuritis	11	....	....	11
Enteritis	5	....	....	5	Neurosis	2	....	....	2
Entero-Colitis	....	....	....	....	Odontalgia	....	....	....	....
Enlarged Glands	....	....	....	....	Oedema	2	....	....	2
Epididimitis	1	....	....	1	Opthalmia	....	....	....	....

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TABLE No. 11.—Continued.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Onychia	....	1	....	1	Scarletina	....	....	....	....
Orchitis	1	....	2	3	Sciatica	....	....	2	2
Otalgia	1	....	....	1	Scrofula	3	....	....	3
Otitis Externa	....	....	....	....	Seborrhoea	1	....	....	1
Otitis Media	4	....	....	4	Senility	4	....	1	5
Ovaritis	1	....	....	1	Senile Itch	....	....	....	....
Paralysis	3	....	....	3	Septicaemia	....	....	....	....
Paresis	....	....	....	....	Singultus	....	....	....	....
Parotiditis	3	1	....	4	Sprains	116	6	1	123
Paronychia	4	1	8	13	Stomatitis	6	....	....	6
Pediculosis	4	....	....	4	Strictures	....	....	....	....
Peritonitis	....	....	....	....	Syncope	1	....	....	1
Pertusis	2	....	....	2	Synovitis	....	....	....	....
Periostitis	5	....	2	7	Syphilis	40	....	1	41
Pharyngitis	22	2	....	24	Taenia Solium	....	....	....	....
Phimosis	....	....	....	....	Taenia Circinati	....	....	....	....
Phlebitis	1	....	....	1	Thecitis	....	....	....	....
Phthisis Pulmonalis	79	2	....	81	Tonsillitis	114	6	2	122
Pleurisy	122	1	....	123	Torticollis	1	....	....	1
Pleurodynia	....	....	....	....	Trachitis	....	....	....	....
Plumbism	....	....	....	....	Toxaemia	....	....	....	....
Pneumonia	3	....	1	4	Thrush	....	....	....	....
Poisoning, Ivy	....	....	....	....	Tumors	1	....	....	1
" Carbolic Acid.	1	....	....	1	Ulcers	177	23	47	247
" Chloroform	....	....	....	....	Uraemia	....	....	1	1
" Arsenic	....	....	....	....	Urethritis	5	....	1	6
" Lead	....	....	....	....	Urticara	5	....	....	5
" Lye	....	....	....	....	Uterine	5	....	....	5
" Morphine	....	....	....	....	Vaccine Sores	1	....	2	3
" Opium	....	....	....	....	Vaginitis	....	....	....	....
Pregnancy	1	....	....	1	Varicocele	....	....	....	....
Proctitis	....	....	....	....	Varicose Veins	10	....	....	10
Prostitis	1	....	....	1	Vertigo	3	....	....	3
Pruritis	....	....	....	....	Varicella	1	....	....	1
Psoriasis	2	....	....	2	Whitlow	....	....	....	....
Ptyalism	....	....	....	....	Wounds, Contused	141	24	30	195
Pulmonary, not defined	....	....	....	....	" Gunshot	49	1	2	52
Pyrosis	....	....	....	....	" Incised	91	11	9	111
Rachitis	....	....	....	....	" Infected	269	9	63	341
Ranula	....	....	....	....	" Lacerated	276	13	42	331
Retention of Urine	2	1	....	3	" Internal Inj's.	....	....	....	....
Rhinitis	....	....	....	....	" Penetrating	....	....	....	....
Rheumatism	206	9	11	226	" Punctured	20	4	8	32
Rubeola	....	....	....	....	" Scalp	91	10	6	107
Salivation	....	....	....	....					
Scabies	8	1	2	11	Total	4040	269	399	4708
Scalds	....	....	3	3					

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TABLE No. 12.

MARCH, 1904.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Abortion	....	....	....	....	Epistaxes	1	....	....	1
Abrasions	10	3	25	38	Erythema	....	1	....	1
Abscesses	75	2	7	84	Erysipelas	....	....	1	1
Acne	....	....	....	....	Excoriations	....	....	....	....
Adenitis	7	....	....	7	Extraction of Teeth	....	1	....	1
Alcoholism	95	8	9	112	Fevers, Malarial	114	17	28	159
Alleged Rape	....	....	....	....	" Remittent	....	....	1	1
Amenorrhoea	....	....	....	....	" Typhoid	....	....	....	....
Amputations	....	....	1	1	Fistula	6	1	....	7
Anaemia	6	....	6	12	Foreign Bodies Rem'd	15	10	12	37
Anasarca	8	....	....	8	Fractures	26	2	3	31
Anchylosis	....	....	....	....	Frost Bites	32	2	33	67
Angina Pectoris	3	....	....	3	Furuncles	2	9	1	12
Anthrax	....	....	....	....	Gangrene	....	....	....	....
Apoplexy	....	....	....	....	Gastralgia	2	1	1	4
Appendicitis	....	....	....	....	Gastritis	48	....	4	52
Ascitis	....	....	....	....	Gastro Enteritis	1	1	....	2
Asthma	13	....	3	16	Glaucoma	....	....	....	....
Balanitis	....	....	1	1	Gingivitis	....	....	....	....
Bitis, Cat	1	....	....	1	Goitre	....	....	....	....
" Dog	31	4	2	37	Habit, Cocaine	....	....	....	....
" Insect	....	....	....	....	Habit, Morphine	3	....	....	3
" Horse	....	....	....	....	Haematoma	....	....	....	....
" Human	6	....	....	6	Haematemisis	....	....	....	....
" Rat	....	....	....	....	Haemoptysis	....	....	....	....
" Snake	....	....	....	....	Heart Dis., Functional	14	....	....	14
Bronchitis	466	10	42	518	Heart Dis., Organic	1	....	1	2
Burns	83	2	6	91	Hemorrhages	....	....	....	....
Bursitis	1	....	....	1	Hemorrhoids	22	2	1	25
Cancer	3	....	1	4	Hemiplegia	1	....	....	1
Carbuncles	26	....	....	26	Hepatitis	3	....	....	3
Caries	....	....	....	....	Hernia	1	....	....	1
Catarrh, Gastric	....	....	....	....	Herpes Zoster	....	....	....	....
Catarrh, Nasal	....	....	....	....	Hypochondria	....	....	....	....
Cellulitis	30	....	....	30	Hysteria	....	....	....	....
Cephalalgia	5	1	5	11	Impetigo	....	....	....	....
Cholera Infantum	....	....	....	....	Icterus	3	1	2	6
Cholera Morbus	....	....	....	....	Inanition	....	....	....	....
Chorea	2	....	1	3	Incontinence of Urine	5	....	....	5
Cirrhosis	....	....	....	....	Indigestion	1	4	....	5
Clavis	....	....	....	....	Inflammation	....	2	1	3
Coccydina	....	....	....	....	Insolations	....	....	....	....
Colica Pictonum	....	....	....	....	Insomnia	....	....	1	1
Colic, Infantile	1	....	....	1	Intestinal Colic	3	....	....	3
Concussion of Brain	2	....	....	2	La Grippe	261	22	4	287
Congestion of Lungs	....	....	....	....	Laryngitis	11	....	....	11
Conjunctivitis	6	1	2	9	Leucorrhoea	3	....	....	3
Constipation	80	2	9	91	Lipoma	....	....	....	....
Convulsions, Infantile	....	....	....	....	Locomotor Ataxia	....	....	....	....
Coryza	32	....	5	37	Lumbago	45	....	6	51
Cystitis	19	3	7	29	Lymphangitis	1	....	....	1
Debility	9	....	....	9	Lumbricoides	1	....	....	1
Dentition	1	....	....	1	Mastitis	....	....	1	1
Dermatitis	15	....	2	17	Melancholia	1	....	....	1
Diabetes	....	....	....	....	Menopause	....	....	....	....
Diarrhoea	23	1	....	24	Menorrhagia	1	....	....	1
Diphtheria	....	....	....	....	Metritis	2	....	....	2
Dislocations	6	....	....	6	Metrorrhagia	....	....	....	....
Dysentery	36	....	1	37	Migrane	....	....	....	....
Dysmenorrhoea	4	2	1	7	Miscarriage	....	....	....	....
Dyspepsia	26	....	1	27	Myalgia	....	....	....	....
Eczema	22	2	8	32	Nausea	2	....	1	3
Electric Shock	....	....	....	....	Necrosis	....	....	1	1
Empyema	....	....	....	....	Nephritis	24	....	1	25
Endo Carditis	....	....	....	....	Nervous Prostration	....	3	....	3
Endo Metritis	3	....	....	3	Neuralgia	43	4	2	49
Enteralgia	1	....	1	2	Neurasthela	4	....	....	4
Enteritis	2	....	....	2	Neuritis	3	....	....	3
Entero-Colitis	....	....	....	....	Neurosis	....	....	7	7
Enlarged Glands	....	....	....	....	Odontalgia	....	....	....	....
Epididimitis	....	....	....	....	Oedema	....	....	....	....
Epilepsy	11	....	....	11	Opthalmia	....	....	....	....

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TABLE No. 12.—Continued.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.
Onychia	....	....	....	....
Orchitis	6	....	....	6
Otalgia	1	2	....	3
Otitis Externa	....	....	....	....
Otitis Media	....	....	2	2
Ovaritis	2	....	....	2
Paralysis	4	1	2	7
Paresis	....	....	....	....
Parotiditis	4	....	....	4
Paronychia	5	....	19	24
Pediculosis	4	....	....	4
Peritonitis	....	....	....	....
Pertusis	4	....	....	4
Periostitis	15	....	1	26
Pharyngitis	21	6	10	37
Phimosis	....	....	....	....
Phlebitis	....	....	....	....
Phthisis Pulmonalis	47	1	3	51
Pleurisy	84	....	4	88
Pleurodynia	....	....	3	3
Plumbism	....	....	....	....
Pneumonia	12	....	....	12
Poisoning, Ivy	1	....	....	1
" Carbolic Acid.	2	....	1	3
" Chloroform	....	....	....	....
" Arsenic	....	....	....	....
" Lead	2	....	....	2
" Lye	1	....	....	1
" Morphine	....	....	....	....
" Opium	1	....	....	1
Pregnancy	....	....	....	....
Proctitis	....	....	....	....
Prostitis	....	....	....	....
Pruritis	1	....	4	5
Psoriasis	....	....	....	....
Ptyalism	....	....	....	....
Pulmonary, not defined	....	....	....	....
Pyrosis	....	....	2	2
Rachitis	....	....	....	....
Ranula	....	....	....	....
Retention of Urine	4	....	....	4
Rhinitis	....	....	1	1
Rheumatism	208	7	11	226
Rubeola	1	....	....	1
Salivation	....	....	....	....
Scabies	12	....	....	12
Scalds	....	....	....	....
Scarletina	....	....	....	....
Sciatica	....	....	4	4
Scrofula	7	....	....	7
Seborrhoea	....	....	....	....
Senility	5	....	....	5
Senile Itch	....	....	....	....
Septicaemia	....	....	....	....
Singultus	....	....	....	....
Sprains	76	4	6	86
Stomatitis	5	....	4	9
Strictures	....	....	....	....
Syncope	....	....	....	....
Synovitis	....	....	....	....
Syphilis	42	7	4	53
Taenia Solium	....	....	....	....
Taenia Circinati	....	1	....	1
Thecitis	....	....	....	....
Tonsillitis	92	1	5	98
Torticollis	2	....	....	2
Trachitis	....	....	....	....
Toxaemia	....	....	....	....
Thrush	....	....	....	....
Tumors	....	....	....	....
Ulcers	185	18	85	288
Uraemia	....	....	....	....
Urethritis	3	....	....	3
Urticara	14	....	1	15
Uterine	....	....	....	....
Vaccinia	....	....	....	....
Vaccine Sores	9	....	2	11
Vaginitis	....	2	....	2
Varicocele	1	....	....	1
Varicose Veins	3	....	4	7
Vertigo	2	....	2	4
Varicella	....	1	....	1
Warts, Venereal	1	....	....	1
Whitlow	....	....	....	....
Wounds, Contused	136	24	26	186
" Gunshot	34	8	1	43
" Incised	52	19	24	95
" Infected	272	14	35	321
" Lacerated	398	27	15	440
" Internal Inj's	....	....	....	....
" Penetrating	....	....	....	....
" Punctured	33	6	4	43
" Scalp	55	25	2	82
Total	3804	290	547	4641

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TABLE No. 13.

SUMMARY OF DISEASES FOR FISCAL YEAR.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Aneurism	2	....	1	3	Epididimitis	8	....	....	8
Asphyxiations	6	....	2	8	Epilepsy	91	8	16	115
Abortion	....	....	....	....	Epistaxes	19	3	1	23
Abrasions	121	24	119	264	Erythema	5	8	1	14
Abscesses	839	13	86	938	Erysipelas	9	2	12	23
Acne	3	....	2	5	Excoriations	2	8	....	10
Adenitis	56	1	3	60	Extraction of Teeth	2	2	....	4
Alcoholism	1026	43	52	1121	Fevers, Malarial	1878	309	368	2555
Alleged Rape	5	....	1	6	" Remittent	45	....	1	46
Amenorrhoea	23	2	1	26	" Typhoid	3	1	2	6
Amputations	39	2	9	50	Fistula	28	1	5	34
Anaemia	59	3	42	104	Foreign Bodies Rem'd	177	170	68	415
Anasarca	59	....	8	67	Fractures	403	53	64	520
Anchylosis	6	....	....	6	Frost Bites	150	9	44	203
Angina Pectoris	15	....	2	17	Furuncles	141	21	10	172
Anthrax	....	....	....	....	Gangrene	7	1	1	9
Apoplexy	2	....	....	2	Gastralgia	8	4	7	19
Appendicitis	....	....	....	....	Gastritis	284	20	17	321
Ascitis	5	....	....	....	Gastro Enteritis	57	3	10	70
Asthma	325	7	9	341	Glaucoma	1	....	....	1
Balanitis	....	....	1	1	Gingivitis	2	1	3	6
Bitis, Cat	11	2	2	15	Goitre	....	....	....	....
" Dog	304	17	45	366	Habit, Chloral	2	....	....	2
" Insect	65	2	7	74	Habit, Cocaine	8	....	....	8
" Horse	14	....	....	14	Habit, Morphine	40	1	....	41
" Human	27	1	6	34	Haematoma	1	....	....	1
" Rat	16	....	2	18	Haematemisis	....	1	....	1
" Snake	....	....	....	....	Haemoptysis	9	2	....	11
Bronchitis	3472	207	253	3932	Heart Dis., Functional	89	12	4	105
Burns	589	59	79	727	Heart Dis., Organic	72	2	10	84
Bursitis	9	6	....	15	Hemorrhages	12	....	....	12
Cancer	10	2	4	16	Hemorrhoids	137	15	6	158
Carbuncles	191	2	2	195	Hemiplegia	27	....	....	27
Caries	1	....	1	2	Hepatitis	12	3	....	15
Catarrh, Gastric	1	1	....	2	Hernia	3	2	4	9
Catarrh, Nasal	15	46	....	61	Herpes Zoster	13	6	2	21
Cellulitis	355	22	18	395	Hypochondria	26	....	4	30
Cephalalgia	62	2	11	75	Hysteria	10	2	1	13
Cholera Infantum	21	2	....	23	Impetigo	8	....	1	9
Cholera Morbus	10	1	2	13	Icterus	21	4	5	30
Chorea	4	1	1	6	Inanition	2	....	....	2
Cirrhosis	2	....	2	4	Incontinence of Urine	27	5	1	33
Clavis	....	....	....	....	Indigestion	99	50	....	149
Coccydinia	....	....	....	....	Inflammation	11	10	2	23
Colica Pictonum	3	....	1	4	Insolations	5	4	4	13
Colic, Infantile	2	....	....	2	Insomnia	28	2	8	38
Concussion of Brain	11	....	11	22	Intestinal Colic	44	....	....	44
Congestion of Lungs	....	1	1	2	La Grippe	813	83	25	921
Conjunctivitis	40	19	12	71	Laryngitis	62	4	1	67
Constipation	856	63	37	956	Leucorrhoea	26	5	1	32
Convulsions, Infantile	2	1	1	4	Lipoma	1	....	....	1
Coryza	102	2	13	117	Locomotor Ataxia	1	....	....	1
Cystitis	144	8	9	161	Lumbago	414	5	49	468
Debility	271	1	2	274	Lmyphangitis	10	4	....	14
Dentition	10	3	....	13	Mastitis	13	1	1	15
Dermatitis	179	19	17	215	Melancholia	4	....	5	9
Diabetes	1	....	....	1	Monopause	14	....	1	15
Diarrhoea	239	26	20	285	Menorrhagia	8	1	....	9
Diphtheria	....	....	2	2	Metritis	6	3	....	9
Dislocations	53	4	8	65	Metrorrhagia	7	1	1	9
Dysentery	354	2	6	362	Migrane	5	1	....	6
Dysmenorrhoea	25	15	2	42	Miscarriage	1	....	1	2
Dyspepsia	243	1	9	253	Myalgia	203	....	1	204
Eczema	214	60	65	339	Nausea	16	1	1	18
Electric Shock	....	....	....	....	Necrosis	57	....	1	58
Empyema	....	....	....	....	Nephritis	173	6	13	192
Endo Carditis	....	....	1	1	Nervous Prostration	23	21	3	47
Endo Metritis	44	2	4	50	Neuralgia	278	19	25	322
Enteralgia	1	1	4	6	Neurasthenia	75	6	9	90
Enteritis	188	2	2	192	Neuritis	80	....	....	80
Entero-Colitis	5	1	1	7	Neurosis	12	....	42	54
Enlarged Glands	12	....	....	12	Odontalgia	9	2	....	11

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TABLE No. 13.—Continued.

DIAGNOSIS.	Central.	Branch. No. 1.	Branch. No. 2.	Total.	DIAGNOSIS.	Central.	Branch. No. 1.	Branch No. 2.	Total.
Oedema	8	....	....	8	Scarletina	.....	....	....	.....
Opthalmia	....	....	....	....	Sciatica	5	1	8	14
Onychia	....	5	1	6	Scrofula	11	3	....	14
Orchitis	23	....	3	26	Seborrhoea	2	....	....	2
Otalgia	6	11	1	18	Senility	38	1	12	51
Otitis Externa	....	1	5	6	Senile Itch	3	....	....	3
Otitis Media	9	....	2	11	Septicaemia	1	....	....	1
Ovaritis	45	10	1	56	Singultus	1	1	....	2
Paralysis	37	2	5	44	Sprains	629	115	87	831
Paresis	1	....	3	4	Stomatitis	38	6	13	57
Parotiditis	21	1	....	22	Strictures	1	2	2	5
Paronychia	17	34	27	78	Syncope	11	....	2	13
Pediculosis	36	....	....	36	Synovitis	19	....	4	23
Peritonitis	1	....	2	3	Syphilis	287	11	27	425
Pertusis	21	....	2	23	Taenia Solium	17	1	....	18
Periostitis	116	....	41	157	Taenia Circinati	14	3	....	17
Pharyngitis	68	16	26	110	Tetanus	.....	....	1	1
Phimosis	....	....	....	....	Thecitis	.....	....	....	.....
Phlebitis	2	....	....	2	Tonsillitis	654	55	56	765
Phthisis Pulmonalis	344	4	28	376	Torticollis	21	....	1	22
Pleurisy	439	6	8	453	Trachitis	.....	1	....	1
Pleurodynia	10	....	9	19	Toxaemia	2	....	....	2
Plumbism	4	....	....	4	Thrush	.....	....	....	.....
Pneumonia	31	....	2	33	Tumors	13	....	1	14
Poisoning, Ivy	26	5	6	37	Ulcers	1520	152	281	1953
" Carbolic Acid	5	....	3	8	Uraemia	3	....	1	4
" Chloroform	....	....	....	....	Urethritis	37	1	7	45
" Arsenic	1	....	1	2	Urticara	102	1	4	107
" Lead	2	....	1	3	Uterine	27	1	6	34
" Lye	1	1	....	2	Vaccinia	.....	....	....	.....
" Morphine	4	1	2	7	Vaccine Sores	32	5	19	56
" Opium	8	....	....	8	Vaginitis	20	2	9	31
" Cocaine	1	....	....	1	Varicocele	2	....	....	2
Pregnancy	5	....	4	9	Varicose Veins	27	3	4	34
Proctitis	....	....	2	2	Vertigo	52	1	7	60
Prostitis	12	2	1	15	Varicella	4	4	1	9
Pruritis	4	1	6	11	Whitlow	.....	3	....	3
Psoriasis	7	1	....	8	Warts, Venereal	1	....	....	1
Ptyalism	2	1	2	5	Wounds, Contused	1771	231	290	2292
Pulmonary, not defined	....	....	....	....	" Gunshot	419	46	66	531
Pyrosis	1	....	4	5	" Incised	808	234	182	1224
Rachitis	....	....	....	....	" Infected	2558	179	331	3068
Ranula	....	....	....	....	" Lacerated	3164	469	398	4031
Retention of Urine	19	1	1	21	" Internal Inj's.	5	2	3	10
Rhinitis	2	....	2	4	" Penetrating	2	5	....	7
Rheumatism	1472	96	102	1670	" Punctured	426	84	70	586
Rubeola	25	....	2	27	" Scalp	900	141	69	1110
Salivation	8	....	....	8	Worms	3	....	....	3
Scabies	79	2	7	88					
Scalds	5	....	4	9	Totals	33796	3927	3786	41508

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TABLE No. 14.

MEDICAL AND SURGICAL SERVICE.

MONTHS.	Medical.				Surgical.			
	Central.	Branch 1.	Branch 2	Total.	Central.	Branch 1.	Branch 2	Total.
April	1.309	167	95	1.571	489	159	119	767
May	1.467	118	95	1.680	737	223	120	1.080
June	1.431	197	107	1.735	776	192	111	1.079
July	1.349	129	144	1.622	1.186	269	184	1.639
August	1.447	128	129	1.704	1.232	182	227	1.641
September	1.351	92	145	1.588	1.270	160	191	1.621
October	1.364	92	161	1.617	1.503	179	264	1.946
November	1.279	85	115	1.479	1.388	167	228	1.783
December	1.560	67	143	1.770	1.652	143	219	2.014
January	1.563	99	197	1.859	1.681	133	216	2.030
February	2.354	148	128	2.630	1.686	121	271	2.078
March	2.133	112	231	2.476	1.671	178	316	2.165
Total	18.607	1.434	1.690	21.731	15.271	2.106	2.466	19.743

Total Medical 21.731
Total Surgical 19.743

Grand total 41.474

TABLE NO. 15.

HOSPITAL ADMISSIONS

Months.	City Hospital.				Female Hospital.				Small-pox Hospital.			
	Central.	Branch No. 1.	Branch No. 2.	Total.	Central.	Branch No. 1.	Branch No. 2.	Total.	Central.	Branch No. 1.	Branch No. 2.	Total.
April	866	39	30	935	133	.....	.....	133	26	.....	.....	26
May	826	57	30	913	165	.....	1	166	43	.....	.....	43
June	867	42	38	947	192	.....	4	196	28	.....	.....	28
July	836	55	33	924	209	.....	.....	209	13	.....	.....	13
August	949	30	43	1.022	197	.....	2	199	8	.....	.....	8
September	850	35	31	916	167	.....	.....	167	6	.....	.....	6
October	914	34	26	974	176	.....	1	177	1	.....	.....	1
November	844	25	18	887	167	.....	.....	167	.....	.....	.....	.....
December	903	39	20	962	178	.....	.....	178	6	.....	.....	6
January	863	40	18	921	174	.....	.....	174	41	.....	.....	41
February	1.066	31	14	1.111	188	.....	.....	188	35	.....	.....	35
March	1.109	42	44	1.195	184	.....	.....	184	37	.....	.....	37
Total	10.893	469	345	11.707	2130	.....	8	2138	244	.....	.....	244

Total, City Hospital..... 11.707
Total, Female Hospital..... 2.138
Total, Small-pox Hospital..... 244

Grand total 14.089

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TABLE No. 16.

ADMISSION OF INSANE PATIENTS.

Months.	Persons arrested by Police, supposed to be Insane and sent to City Hospital for observation.	Number of such cases sent to Insane Asylum.	Recommended to Board of Health for admission to Insane Asylum.	Admitted through City Dispensary upon applying for Hospital Admission.
April	63	31	4	2
May	73	34	10	4
June	73	29	6	.....
July	82	37	9	1
August	58	.....	5	3
September	44	17	4	12
October	39	.....	.....	.....
November	32	21	.....	.....
December	43	27	27	.....
January	49	.....	26	8
February	42	18	.....	3
March	84	34	34	0
Total	682	248	125	33

TABLE No. 17.

VACCINATIONS.

	Number Visited.	Primary.	Re-vaccinated	Total.
Central Dispensary	.....	1,594	3,800	5,394
Branch No. 1	.....	123	269	392
Branch No. 2	.....	139	650	789
City Jail	.....	365	491	856
Tenements	452	459	404	863
Schools (Public and Parochial)	177	6,327	609	6,936
Mercantile Establishments	40	442	904	1,346
Hotels	16	12	31	43
Total	685	9,461	7,158	16,619

TABLE NO. 18.

AMBULANCE SERVICE.

	Central.		Br. No. 1.		Br. No. 2		West End.		Total	
	Calls.	Miles.	Calls.	Miles.	Calls.	Miles.	Calls.	Miles.	Calls.	Miles.
April	901	2,976 5-7	65	386 5-7	81	504 5-7	67	420 1-7	1,114	4,288 2-7
May	888	3,346 1-7	73	527	74	530 6-7	92	536 3-7	1,127	4,940 3-7
June	891	3,280 1-7	70	500	78	562 2-7	65	473 6-7	1,104	4,816 2-7
July	900	3,101 6-7	79	582 5-7	103	704 4-7	42	390 3-7	1,124	4,779 4-7
August	936	3,109 1-7	58	424 1-7	107	796 4-7	44	357 6-7	1,145	4,687 5-7
Sept.	818	2,388 5-7	61	466 4-7	89	582 3-7	53	338 6-7	1,121	3,766 3-7
Oct.	835	2,531 3-7	47	373 1-7	57	422 1-7	57	408 6-7	996	3,735 4-7
Nov.	783	2,226 5-7	44	309 4-7	51	342 4-7	53	312 2-7	931	3,191 1-7
Dec	757	2,033 5-7	52	411 1-7	44	355	52	369	905	3,168 6-7
Jan.	838	2,517 3-7	54	433 6-7	53	347 5-7	70	427 1-7	1,015	3,725 6-7
Feb.	962	2,827 6-7	49	409 3-7	68	537 1-7	80	559 1-7	1,159	4,327 4-7
March	930	2,935	62	504 6-7	72	536 2-7	73	636 4-7	1,137	4,612 5-7
Total	10,339	33,274 6-7	714	5,329 1-7	877	6,222 2-7	748	5,230 4-7	12,878	50,040 3-7

Total number calls.....12,678
Total number miles.....50,056 6-7

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TABLE No. 19

CASES TREATED IN THE JAIL FOR FISCAL YEAR ENDING MARCH 31, 1904.

DIAGNOSIS.		DIAGNOSIS.		DIAGNOSIS.	
Abortion	....	Fractures	3	Pleurodynia	....
Abrasions	....	Frost Bites	....	Plumbism	....
Abscesses	41	Furuncles	4	Pneumonia	....
Acne	....	Gangrene	....	Poisoning, Ivy	....
Adenitis	26	Gastralgia	2	" Carbolic acid	....
Alcoholism	26	Gastritis	18	" Chloroform	....
Alleged Rape	....	Gastro Enteritis	1	" Arsenic	....
Amenorrhoea	2	Glaucoma	....	" Lead	....
Anaemia	11	Gingivitis	....	" Lye	....
Anasarca	....	Goitre	....	" Morphine	....
Anchylosis	....	Habit, Cocaine	1	" Opium	1
Angina Pectoris	2	" Morphine	180	Pregnancy	1
Anthrax	....	Haematoma	2	Proctitis	....
Apoplexy	....	Haematemisis	....	Prostitis	....
Appendicitis	....	Haemoptysis	....	Pruritis	....
Ascitis	3	Heart Disease, Functional	10	Psoriasis	....
Asthma	15	Heart Disease, Organic	13	Ptyalism	....
Balanitis	....	Hemorrhages	13	Pulmonary, not defined	....
Bites, Cat	....	Hemorrhoids	13	Pyrosis	....
" Dog	3	Hemiplegia	....	Rachitis	....
" Insect	1	Hepatitis	....	Ranula	....
" Horse	....	Hernia	....	Retention of Urine	....
" Human	3	Herpes Zoster	....	Rhinitis	....
" Rat	....	Hypochondria	....	Rheumatism	66
" Snake	....	Hysteria	2	Rubeola	....
Bronchitis	196	Impetigo	....	Salivation	....
Burns	12	Icterus	....	Scabies	....
Bursitis	....	Inanition	....	Scalds	....
Cancer	....	Incontinence of Urine	....	Scarletina	....
Carbuncles	2	Indigestion	4	Sciatica	....
Caries	....	Inflammation	....	Scrofula	....
Catarrh, Gastric	....	Insolations	....	Seborrhoea	....
Catarrh, Nasal	1	Insomnia	21	Senility	....
Cellulitis	13	Intestinal Colic	15	Senile Itch	....
Cephalalgia	44	La Grippe	53	Septicaemia	....
Cholera Infantum	....	Laryngitis	....	Singultus	....
Cholera Morbus	....	Leucorrhoea	3	Sprains	6
Chorea	1	Lipoma	....	Stomatitis	....
Cirrhosis	....	Locomotor Ataxia	....	Strictures	1
Clavis	....	Lumbago	44	Syncope	2
Coccydinia	....	Lymphangitis	....	Synovitis	3
Colica Pictonum	....	Mastitis	....	Syphilis	190
Colic, Infantile	....	Melancholia	....	Taenia Solium	....
Concussion of Brain	....	Menopause	....	Taenia Circinati	1
Congestion of Lungs	....	Menorrhagia	....	Thecitis	....
Conjunctivitis	12	Metritis	....	Tonsillitis	86
Constipation	183	Metrorrhagia	....	Torticolis	3
Convulsions, Infantile	....	Migrane	1	Trachitis	....
Coryza	12	Miscarriage	....	Toxaemia	....
Cystitis	2	Myalgia	13	Thrush	....
Debility	6	Nausea	....	Tumors	....
Detention	....	Necrosis	....	Ulcers	62
Dermatitis	6	Nephritis	13	Uraemia	....
Diabetes	....	Nervous Prostration	....	Urethritis	1
Diarrhoea	36	Neuralgia	35	Urticara	....
Diphtheria	....	Neurasthenia	....	Uterine	2
Dislocations	....	Neuritis	....	Vaccinia	4
Dysentery	8	Neurosis	4	Vaccine Sores	18
Dysmenorrhoea	19	Odontalgia	....	Vaginitis	....
Dyspepsia	7	Oedema	....	Varicocele	....
Eczema	....	Opthalmia	....	Varicose Veins	....
Electric Shock	....	Onychia	....	Vertigo	....
Empyema	....	Orchitis	10	Varicella	....
Endo Carditis	....	Otalgia	....	Whitlow	....
Endo Metritis	2	Otitis Externa	2	Wounds, Contused	19
Enteralgia	....	Otitis Media	4	" Gunshot	54
Enteritis	23	Ovaritis	11	" Incised	70
Entero-Colitis	....	Paralysis	....	" Infected	46
Enlarged Glands	....	Paresis	....	" Lacerated	34
Epididimitis	....	Parotiditis	....	" Internal Injuries	....
Epilepsy	....	Paronychia	1	" Penetrating	....
Epistaxes	2	Pediculosis	17	" Punctured	....
Erythema	....	Peritonitis	....	" Scalp	32
Erysipelas	....	Pertusis	....	Gonorrhoea	131
Excoriations	....	Periostitis	....	Circumcision	1
Extraction of Teeth	15	Pharyngitis	1	Venereal Vegilations	3
Fevers, Malarial	81	Phimosis	....		
" Remittent	....	Phlebitis	1	Total	2282
" Typhoid	....	Phthisis Pulmonalis	31		
Fistula	4	Pleurisy	37		
Foreign Bodies Removed	....				

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TABLE No. 20.

Office of Health Commissioner.

St. Louis, April 10th, 1904.

Sir:—I herewith submit Statement of Expenses of City Dispensary, for the fiscal year 1904, showing also the amount expended from April 1, 1903, to March 31, 1904:

Cr. by Appropriation, Ord. No. 21,171	$54,676 00	
Cr. by Appropriation, Ord. No. 21,411	2,250 00	
	$56,926 00	
Less transferred from salaries and ambulances to Mun. Rev.	2,452 00	
	$54,474 00	
Less amount of bills last fiscal year	36 00	
		$54,438 00

ITEMS OF EXPENSE

Salaries—Central	$17,739 10
Salaries—Physicians, Temp. Employes	5,714 20
Salaries—Branches	7,040 32
Rent of Rooms	1,399 92
Horses	990 00
Ambulances and Vehicles	848 00
Charity Prescriptions	15 15
Drugs, Medicines and Instruments	2,238 05
Horses, Stabling	8,040 28
Horses, Shoeing and Veterinary Treatment	1,586 79
Horse and Vehicle Hire	.....
Ambulances, etc., Repairs	2,457 85
Harness	184 15
Harness Repairs	505 55
Office Expenses, Furniture, etc	1,288 27
Printing and Stationery	489 10
Temporary Help	2,549 39
Ice	163 19
Coal	437 32
Car Tickets	290 00
Total Expenses	$53,976 63
Balance of Appropriation	461 37
Bills unpaid beginning fiscal year	$36 00
	$54,474 00

Respectfully,
H. J. SCHERCK,
Chief Dispensary Physician.

TABLE No. 21.

RESUME OF SMALL-POX CASES FOR FISCAL YEAR ENDING MARCH 31st, 1904.

Number of Cases.	White.	Colored.	Male.	Female.	Where Contracted.		Vaccinal History.				Result.	
					In City.	Outside	Never Vaccinated.	Poor Mark.	Fair. Mark.	Good Mark.	Recovered.	Died.
228	188	40	156	72	179	49	199	21	8	1	227	1

Besides the above thirty-two recovered cases were brought to the Isolation Ward, given an antiseptic bath and their clothes fumigated.

The scars of the vaccinated cases ranged from 15 to 40 years of age.

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IV.

CITY CHEMIST.

Annual report on examinations of Dairy Products made in the laboratory of the City Chemist during the period beginning November 25, 1902, and ending March 31, 1904.

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CITY OF ST. LOUIS.
OFFICE OF CITY CHEMIST.

REPORT OF EXAMINATIONS OF DAIRY PRODUCTS MADE IN THE LABORATORY OF THE CITY CHEMIST DURING THE PERIOD BEGINNING NOVEMBER 25, 1902, AND ENDING MARCH 31, 1904.

NOTE.—Though the best grade of milk has a much greater content of fat and non-fatty solids than the minimum legal limit of composition, City Ordinance 20,808 permits whole milk, skimmed milk and cream to be legally sold in the City of St. Louis, when they are free from filth, preservatives, coloring matter or any other foreign additions, and have been kept at a temperature of 50° F. or less, and are of a minimum composition, as follows:

WHOLE MILK—Fat not less than 3.0%; Non-Fatty Solids not less than 8.5%; Ash not less than 0.7%.
SKIMMED MILK—Fat not less than 1.5%; Total Solids not less than 10.5%.
CREAM—Fat not less than 12%.

NAME OF VENDOR. Note—Where two names are given the first is that of the proprietor, the second that used on the wagons. In the case of an incorporated dairy the firm name only is given.	ADDRESS OF VENDOR.	MILK.							SKIMMED MILK.						CREAM.					
		Total No. of Samples.	No. of Samples containing more than 3.6% fat.	No. of Samples containing more than 3.0% and less than 3.6% fat.	No. of Samples containing less than 3.0% of fat.	No. of Samples containing less than 8.5% solids not fat.	No. of Samples containing a preservative.	No. of Samples containing a coloring matter or thickener.	No. of Samples containing excessive dirt or showing evidence of composition.	Total No. of Samples.	No. of Samples containing less than 1.5% of fat.	No. of Samples containing less than 10.5% total solids.	No. of Samples containing a preservative.	No. of Samples containing a coloring matter.	No. of Samples containing excessive dirt or showing evidence of decomposition.	Total No. of Samples.	No. of Samples containing less than 12% fat.	No. of Samples containing a preservative.	No. of Samples containing a coloring matter or thickener.	No. of Samples containing excessive dirt or showing evidence of decomposition.	No. of Samples of any product taken at a temp. above 50° F.
Abbott, L. F.	Pine Lawn Sta.	3	3	....	....	....	....	....	....	1	1	....	....	....	....	2	....	....	....	....	....
Abkemeier, K. Hashagen Pk. Dairy.	4014 Minnesota	1	1	....	....	....	....	....	....	6	....	....	....	....	....	5	....	....	....	....	....
Ablen, Anna	2914 Chouteau	3	....	2	1	....	....	....	....	3	....	....	....	....	....	5	1	....	....	....	....
Ahillen, Wm. Southwestern L Dairy.	2929 Missouri ave.	5	....	5	....	....	....	....	....	6	....	....	....	....	....	8	1	....	....	1	....
Ahrens, Gesina Menard St. Dairy.	2417 Menard	1	1	....	....	....	....	....	....	4	....	....	....	....	....	3	....	....	....	....	....
Ahrens, Bern. Green Mountain Dairy.	4120 Missouri	1	....	1	....	1	....	....	....	9	....	1	....	....	....	10	4	....	....	....	....

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Albers, Frank	4445 Anderson	4	3	1						5	1	4		2		3	2		2		
Taylor Av. Dairy.																							
Albers, Fred.	4125 Lexington	4	3	1						3	1					4					
Albers, H.	514 Morin	—								1						1	1				
Althof, Geo. B.	2345 Bircher	3	3							7	4	7	6	5		6		3	2		
Ameln, Geo.	2807 Texas	1			1	1	1			9		1	1			7	3	3			
Valley Spring Dairy.																					
Anderli, Anton	2311 S. Second	3	1	2						3						4	1				
Andeler, Jos.	Luxemburg	3		2	1	1				4						3	1			1	
Rose Hill Dairy.																					
Anti-Trust Dairy Co.	1652 S. Jefferson	4	2	1	1	1	2	1								3	1				
Bacon, G. H.	3818 Easton	2	1	1			2									1	1				1
Baltz, Conrad	2439 S. Third	3	2	1		1				4						1	1				1
Barchrach, M.	804 Wash	5	2	1	2	3				1											
Bartels, Geo.	3911 Marine	1		1						5		4				5					
Bartels, Hy.	2901 Texas	5	3	2						1		1				4					
Baumgartner, J. A.	3674 Primm	2	1	1																	
Baumgartner, Geo.	2401 Indiana	5	2	2	1	1				2						4					
Indiana Farm Dairy.																					
Bechtel, Emma	4892 Nat Bridge rd	8	5	3		3	1			8		3	1			7		2	1		3
Bechtel, Geo. S	1908 Biddle	4	3	1						4						4					
Purity Dairy.																					
Bechtel, Wm. C.	4866 Nat. Bridge rd	13	10	3				1		6		1	2	2		9	4	4	2		
Pride of the West Dairy.																					
Bechtold, Mat.	3239 Missouri	1	1							7						6					
St. Louis Dairy.																					
Beckerle Hy.	4755 Virginia	—								4		2				4					1
Virginia Av. Dairy.																					
Beeler, Jos.	3547 S. Spring	2	2							6			1			5	1				
Rose Hill Dairy.																					
Beelman, J.	3242 Gravois	7	6	1						1						5					1
Beerman, B. H.	4329 Clayton	2	1	1						1						2					
Clayton Farm Dairy.																					
Behrens, G.	5501 Wilson	5	1	3	1					—						—					
Lilly Farm Dairy.																					
Behrens, H.	Field and Robert	5	5							—						—					
Behring, Wm.	1902 Desoto	1	1							4						2					
Bellar, Hy.	4651 Pennsylvania	1		1		1				5						4					3
Mt. Pleasant Dairy.																					
Bereman, H. A.	Wellston, Mo.	7	5	2						—						4					
Sunny Side Dairy.																					
Bergjans, Geo.	6312 Newstead	4	1		3	3				1		1				4		1	1	1	
Bergjans, Hy.	6311 Newstead	2		2						2		1				3					
Berlinger, Bal.	3418 Indiana	7	6		1					4						6	1			1	
Swiss Model Dairy.																					
Berner, J. & F.	1652 S. Jefferson	6	2	3	1	2				—						5	1	1			1

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NAME OF VENDOR. Note—Where two names are given the first is that of the proprietor, the second that used on the wagons. In the case of an incorporated dairy the firm name only is given.	ADDRESS OF VENDOR.	MILK. Total No. of Samples.	MILK. No. of Samples containing more than 3.6% fat.	MILK. No. of Samples containing more than 3.0% and less than 3.6% fat.	MILK. No. of Samples containing less than 3.0% of fat.	MILK. No. of Samples containing less than 8.5% solids not fat.	MILK. No. of Samples containing a preservative.	MILK. No. of Samples containing a colorfng matter or thickener.	MILK. No. of Samples containing excessive dirt or showing evidence of decomposition.	SKIMMED MILK. Total No. of Samples.	SKIMMED MILK. No. of Samples containing less than 1.5% of fat.	SKIMMED MILK. No. of Samples containing less than 10.5% total solids.	SKIMMED MILK. No. of Samples containing a preservative.	SKIMMED MILK. No. of Samples containing a colorfng matter.	SKIMMED MILK. No. of Samples containing excessive dirt or showing evidence of decomposition.	CREAM. Total No of Samples.	CREAM. No. of Samples containing less than 12% fat.	CREAM. No. of Samples containing a preservative.	CREAM. No. of Samples containing a colorfng matter or thickener.	CREAM. No. of Samples containing excessive dirt or showing evidence of decomposition.	CREAM. No. of Samples of any product taken at a temp. above 50° F.
Bernsen, A.	4110 Clayton	3	1	2						1						4					2
Newstead Dairy.																					
Betschart, Xav.	2823 Pestalozzi	1		1																	
Bippen, Jos.	2612 S. Third	8	2	4	2	1				5						11	1		2		
Sidney St. Dairy.																					
Bisig, Jos.	3274 Gravois	5	5							1						4					
Southern Dairy.																					
Bockrath, A.	3342 Gravois	17	17							2				1		4	1				
Bockskopf, Jos.	2411 S. Second	2	1	1																	
Boedeker, Frank	1615 Chambers	8	2	6		1															
Boenlnghausen, G.	3117 Lemp	5	2	3						7						8			2		
Lemp Park Dairy.																					
Bonne Terre F. & C. Co.	2922 Easton	16	9	7	2					1						13	2				
Bueche, Barney	4726 Nat. Bridge rd.	1	1																		
Burke, Her.	3300 De Kalb	7	2	5						1						5	1				3
Burri, Fred.	5453 Florissant	1		1						5						2					
Breeher, W.	2911 Osage	—								4			1			7					
Osage St. Dairy.										7			3			6	1				
Breer, B. H.	2844 Keokuk	2	2																		
Breer, Caroline	2915 Chippewa	3	1	1	1	1				1						2					
St. Anthony Heights Dy.										4			1			6					
Breer, Henry	2216 S. Eleventh	4	1	1	2					2						7					
Shenandoah Heights Dy.																					
Breer, Lucas	2838 Keokuk	—								2						2					
Oregon Av. Dairy																					

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Brinkman, Wm.	6380 Newstead	5	4	....	1	2	....	....	.....	4	....	1	....	....	.....	5	1	....	1	.....	....
Brinkman Dairy.																						
Bruns, J. B.	2310 Lemp	8	6	2	....	....	....	....	.....	2	....	....	....	....	.....	6	....	....	....	.....	....
Clover Leaf Dairy.																						
Bruns, Wm.	4226 Nat. Bridge rd...	5	4	1	....	....	....	....	.....	4	....	2	....	....	.....	5	1	....	....	.....	....
Carten, J. F.	5575 Easton	7	5	2	....	1	....	....	.....	—	....	....	....	....	.....	1	....	....	....	.....	....
Superior Dairy.																						
Carten, W. J.	Kingsland and Page..	4	1	2	1	2	....	....	.....	—	....	....	....	....	.....	2	....	....	....	.....	1
Cregan, Thos.	Kingsland and Page..	2	1	1	....	....	....	....	.....	—	....	....	....	....	.....	2	....	....	....	.....	....
Crilly, Thos.	St. Louis County.....	2	2	....	....	....	....	....	.....	2	....	....	....	....	.....	2	....	....	....	.....	1
Emerald Dairy.																						
Damm, Val.	2149 Victor	—	....	....	....	....	....	....	.....	5	....	....	....	....	.....	3	....	....	....	.....	....
Victor Hill Dairy.																						
Davies, Harry	Sutter P. O.	4	4	....	....	1	....	....	.....	3	3	3	....	....	.....	4	....	....	....	.....	2
Davis, W. T.	5754 North Market....	3	1	2	....	2	....	....	.....	....	....	....	....	....	.....	3	2	....	....	.....	....
De Hart, L.	Wellston	6	3	3	....	1	....	....	.....	—	....	....	....	....	.....	6	....	1	....	.....	....
De Hart's Dairy.																						
Driemeyer, Wm.	4042 Minnesota	—	....	....	....	....	....	....	.....	7	1	1	....	....	.....	4	....	....	....	.....	....
South End Dairy.																						
Droste, Louis	4954 Nat. Bridge rd...	5	....	1	4	2	....	....	.....	5	....	2	....	....	.....	6	4	....	2	.....	....
Bon Ton Dairy.																						
Emmenegger, E.	209 South Second.....	7	5	2	....	....	....	....	.....	7	....	....	....	....	.....	10	1	....	....	.....	....
Mt. Pleasant Dairy.																						
Engbert, Wm.	2645 Dalton	2	1	....	1	1	....	....	1	—	....	....	....	....	.....	1	....	....	....	1	....
Mt. Air Dairy.																						
Enger, Chas.	3152 Ohio	14	9	2	3	2	....	....	.....	1	....	....	....	....	.....	10	....	....	....	.....	....
Excelsior Dairy.																						
Enger, Geo. Jr., Mrs.	2829 Oregon	4	3	1	....	....	....	....	.....	5	....	1	....	....	.....	5	....	....	....	.....	1
Pioneer Dairy.																						
Ernst, Gottlieb	3549 S. Spring	1	....	....	1	1	....	....	.....	6	....	1	....	....	.....	6	....	....	....	.....	....
New Home Dairy.																						
Fahey, Pat.	2837 Hickory	2	1	1	....	....	....	....	.....	—	....	....	....	....	.....	—	....	....	....	.....	....
Fangmeier, H. Mrs.	3605 Gravois	—	....	....	....	....	....	....	.....	4	....	1	....	....	1	4	....	....	....	2	....
Fellenz, Mat.	6101 Page	—	....	....	....	....	....	....	.....	4	....	....	....	....	.....	3	....	....	....	.....	1
Feraris, Anton	3849 Nebraska	5	5	....	....	....	....	....	.....	4	....	....	....	....	.....	6	1	....	....	.....	2
Southeastern Dairy.																						
Filippini, Angelo	2414 E. Marcus.....	1	....	....	1	1	....	....	.....	2	1	1	....	....	.....	2	....	....	....	1	....
Finke, L.	Thatcher and Hall...	1	1	....	....	....	....	....	.....	—	....	....	....	....	.....	1	1	....	....	.....	2
Fischer, Wm.	6317 Ouida	4	3	1	....	1	....	....	.....	3	....	....	....	....	.....	4	....	....	....	.....	4
Fleming, Pat.	1438 Rowan	2	1	1	....	1	....	....	.....	—	....	....	....	....	.....	—	....	....	....	.....	....
Fleming, P. J.	1025 Forest Pk. boul..	2	1	1	....	2	....	....	.....	2	....	2	....	....	.....	1	....	....	....	.....	....
Frei, J.	Sutter P O	12	11	1	....	....	....	....	.....	—	....	....	....	....	.....	9	4	....	....	.....	....
Emerald Dairy.																						
Furrer, John	2303 South Second.....	2	1	....	1	....	....	....	.....	3	....	1	....	....	.....	3	....	....	....	1	....
Furrer, Jos.	3457 Miami	3	3	....	....	....	....	....	.....	5	....	....	....	....	.....	3	....	....	....	.....	....
Gebus, Geo.	4558 Carter	—	....	....	....	....	....	....	.....	7	....	2	....	....	.....	3	2	....	....	.....	....

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NAME OF VENDOR. Note—Where two names are given the first is that of the proprietor, the second that used on the wagons. In the case of an incorporated dairy the firm name only is given.	ADDRESS OF VENDOR.	MILK. Total No. of Samples.	MILK. No. of Samples containing more than 3.6% fat.	MILK. No. of Samples containing more than 3.0% and less than 3.6% fat.	MILK. No. of Samples containing less than 3.0% of fat.	MILK. No. of Samples containing less than 8.5% solids not fat.	MILK. No. of Samples containing a preservative.	MILK. No. of Samples containing a coloring matter or thickener.	MILK. No. of Samples containing excessive dirt or showing evidence of composition.	SKIMMED MILK. Total No. of Samples.	SKIMMED MILK. No. of Samples containing less than 1.5% of fat.	SKIMMED MILK. No. of Samples containing less than 10.5% total solids.	SKIMMED MILK. No. of Samples containing a preservative.	SKIMMED MILK. No. of Samples containing a coloring matter.	SKIMMED MILK. No. of Samples containing excessive dirt or showing evidence of decomposition.	CREAM. Total No of Samples.	CREAM. No. of Samples containing less than 12% fat.	CREAM. No. of Samples containing a preservative.	CREAM. No. of Samples containing a coloring matter or thickener.	CREAM. No. of Samples containing excessive dirt or showing evidence of decomposition.	CREAM. No. of Samples of any product taken at a temp. above 50° F.
Bernsen, A.	4410 Clayton	3	1	2						1						4					2
Newstead Dairy.																					
Betschart, Xav.	2823 Pestalozzi	1		1																	
Bippen, Jos.	2612 S. Third	8	2	4	2	1				5						11	1		2		
Sidney St. Dairy.																					
Bisig, Jos.	3274 Gravois	5	5							1						4					
Southern Dairy.																					
Bockrath, A.	3242 Gravois	17	17							2					1	4	1				2
Bockskopf, Jos.	2411 S. Second	2	1	1		2	1														
Boedeker, Frank	1615 Chambers	8	2	2	2	2				7						8					
Boenlnghausen, G.	3117 Lemp	5	2	3																	
Lemp Park Dairy.																					
Bonne Terre F. & C. Co.	2922 Easton	16	9	7		2				1						13	2		2		
Buecher, Barney	4736 Nat. Bridge rd.	1	1							5						1					
Burke, Her.	3390 De Kalb	7	2	5						4						5					3
Burri, Fred.	5953 Florissant	1	1							7		1				2					
Breeher, W.	2911 Osage											3				6	1				
Osage St. Dairy.																					
Breer, B. H.	2844 Keokuk	24	22	1	1					1						2					
Breer, Caroline	2915 Chippewa	28	21	1	1	1				4		1				6					
St. Anthony Heights Dy.																					
Breer, Henry	2216 S. Eleventh	4	1	1	2					2						7					
Shenandoah Heights Dy.																					
Breer, Lucas	2838 Keokuk									2						2					
Oregon Av. Dairy																					

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Brinkman, Wm.	6380 Newstead	5	4		1	2				4		1				5	1		1		
Brinkman Dairy.																					
Bruns, J. B.	2310 Lemp	8	6	2						2						6					
Clover Leaf Dairy.																					
Bruns, Wm.	4226 Nat. Bridge rd...	5	4	1						4		2				5	1				
Carten, J. F.	5575 Easton	7	5	2		1				—						1					
Superior Dairy.																					
Carten, W. J.	Kingsland and Page..	4	1	2	1	2				—						2					1
Cregan, Thos.	Kingsland and Page..	2	1	1						—						2					
Crilly, Thos.	St. Louis County	2	2							2						2					1
Emerald Dairy.																					
Damm, Val.	2149 Victor	—								5						3					
Victor Hill Dairy.																					
Davies, Harry	Sutter P. O.	4	4			1				3	3	3				4					2
Davis, W. T.	5754 North Market....	3	1	2		2										3	2				
De Hart, L.	Wellston	6	3	3		1				—						6		1			
De Hart's Dairy.																					
Driemeyer, Wm.	4042 Minnesota	—								7	1	1				4					
South End Dairy.																					
Droste, Louis	4954 Nat. Bridge rd...	5		1	4	2				5		2				6	4		2		
Bon Ton Dairy.																					
Emmenegger, E.	209 South Second	7	5	2						7						10	1				
Mt. Pleasant Dairy.																					
Engbert, Wm.	2645 Dalton	2	1		1	1			1	—						1				1	
Mt. Air Dairy.																					
Enger, Chas.	3152 Ohio	14	9	2	3	2				1						10					
Excelsior Dairy.																					
Enger, Geo. Jr., Mrs.	2829 Oregon	4	3	1						5		1				5					1
Pioneer Dairy.																					
Ernst, Gottlieb	3549 S. Spring	1			1	1				6		1				6					
New Home Dairy.																					
Fahey, Pat.	2837 Hickory	2	1	1						—						—					
Fangmeier, H. Mrs.	3605 Gravois	—								4		1			1	4				2	
Fellenz, Mat.	6101 Page	—								4						3					1
Feraris, Anton	3849 Nebraska	5	5							4						6	1				2
Southeastern Dairy.																					
Filippini, Angelo	2414 E. Marcus	1			1	1				2	1	1				2				1	
Finke, L.	Thatcher and Hall...	1	1							—						1	1				2
Fischer, Wm.	6317 Ouida	4	3	1		1				3						4					4
Fleming, Pat.	1438 Rowan	2	1	1		1				—						—					
Fleming, P. J.	1025 Forest Pk. boul..	2	1	1		2				2		2				1					
Frei, J.	Sutter P O	12	11	1						—						9	4				
Emerald Dairy.																					
Furrer, John	2303 South Second	2	1		1					3		1				3				1	
Furrer, Jos.	3457 Miami	3	3							5						3					
Gebus, Geo.	4558 Carter	—								7		2				3	2				

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Geders, Theo.	2450 South Second....	8	6	2	....	....	....	....	....	4	....	....	....	....	....	10	....	....	....	1	....
Golden Eagle Dairy.																					
Geers, Hy.	2013 Kosciusko	5	4	1	....	....	....	....	1	5	....	1	....	....	....	6	1	....	....	....	....
Geiger, John	1412 Clark	19	15	2	2	1	....	1	....	5	....	....	....	....	....	11	....	1	....	....	....
Gerhardt, B.	6749 Florissant	7	3	2	2	1	....	....	1	7	1	2	....	....	....	6	2	....	....	....	....
Gerhardt, John	2424 E. Marcus.....	—	....	....	....	....	....	....	....	1	....	....	....	....	....	—	....	....	....	....	....
Gertken, Tobias	Compton and Vista.	14	9	5	....	1	1	....	....	2	....	....	....	....	....	14	1	....	....	....	....
Diamond Dairy.																					
Goedeker, G.	2816 Oregon	2	1	1	....	....	....	....	....	8	....	....	....	....	1	8	....	....	....	....	....
Benton Park Dairy.																					
Good, C. A.	3744 S. Compton.....	1	....	....	1	....	....	....	1	7	....	....	....	....	....	8	....	....	....	1	....
American Dairy.																					
Goode, F. A.	3137 Iowa	2	1	....	1	....	....	....	....	2	....	....	....	....	....	4	1	....	....	....	2
Iowa Av. Dairy.																					
Good, J. A.	3720 S. Compton.....	—	....	....	....	....	....	....	....	7	1	1	....	2	....	5	1	4	1	....	....
Southwestern Dairy.																					
Good, J. C.	3100 Oregon	1	....	....	1	1†	....	1	....	5	....	1	....	....	....	6	2	....	1	....	2
Great Western Dairy.																					
Grafeman Dairy Co.	21st and Morgan.....	86	70	8	8	14	1	....	1	11	....	8	....	....	....	49	....	2	....	3	....
Gregan, Thos.	Page and Klingsland.	2	2	....	....	....	....	....	....	—	....	....	....	....	....	2	....	....	....	....	2
Gruenloh, Jos.	2226 McNair	3	2	....	1	....	....	....	....	1	....	....	....	....	....	3	....	....	....	....	....
McNair Dairy.																					
Haberstroh, R.	4241 Kennerly	10	4	4	2	....	....	....	....	2	....	....	....	....	....	3	....	....	1	....	....

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Hager, A.	4040 Minnesota	—								3						2					
Hanneklau, H.	3440 De Kalb	6	3	2	1					3						4					
Harris, Wm.	Central Mo.	5	4	1					1	1	1					3					
Philipps Farm Dairy.																					
Hediger, Frank	216 Victor	1	1							—						—					
Hei, Wm.	4415 Taylor	2			2	2				2		2				2					
Farmers' Dairy.																					
Heinrichs, F.	4731 Tennessee	4	4							1						—					1
Heitmann, John	4015 Pennsylvania	1			1	1	1			5		4	2		1	4	2	1			
Meramec Heights Dairy.																					
Held, Barney	2514 S. Third	—								1						1					
St. George Valley Dairy.																					
Held, Herman	2113 S. Seventh	5	2	3						—						—					
Southern Dairy.																					
Helwig, Hy.	3938 Nat. Bridge rd	7	3	4						—						6					
Hemper, Lucas	5114 Old Manchester	6	2	3	1	1				—						7				2	1
Columbia Dairy.																					
Herbort, Fred.	3523 Arkansas	1	1							11					1	8				1	
Southern Dairy.																					
Hermann, Jos.	6255 Gravois	3	2	1						3						3	2				
Gardenville Dairy.																					
Hieger, Frank	6376 Newstead	2	2							5		4				4	1				
Hieger, Hy.	637 Carrie	—								9		4				6	1				1
Hoffmeister, C.	Bobringville	1			1	1				1						3					
Hogan, C. J.	Normandie	1	1							—						—					
Holweg, J. J.	3447 Winnebago	2	1	1						5	1	1				6					
Home Dairy Co.	1913 N. Jefferson	21	16	4	1	5			3	—						12					
Hoppe, Wm.	3653 Tesson	9	6	3		2				—						—					
Hose, E. M.	700 Kansas	5	4	1		1				—						3					1
Hughey, E.	January and Bischoff	3	3							3						3					
Immken, H	3111 Pennsylvania	2	1	1						6						5	1				
Inglin, Martin	819 Allen	—								3					1	2					
Jersey Farm Dairy Co.	1015 Russell	31	23	6	2	1		1	1	1		1				19		2	1		1
Jeschke, Ed.	201 Nelly	6	3	3						—						—					
Jeude, A. L.	Luxemburg	7	3	4						—						4					1
Jones, H. C.	Clayton	1	1							—						—					
Jud, Albert	1701 Coleman	1			1	1				—						—					
Jud, Beda	4301A Clayton	6	1	2	3	1				11	1			1		11	1		1		1
Rock Spring Dairy.																					
Jud, John	4040 Minnesota	—								1						1					
Kahl, Hy.	1132 Sublette	1		1						—						—					1
Kamer, Martin	3919 Illinois	4	3		1					6	1	2				7					1
Oregon and Ill. Av. Dairy.																					
Kappen, Lizzie	2924 California	5	2	3						3		1				7	1				2
Hartford Farm Dairy.																					
Kaslin, M.	3203 Cherokee	1		1						10						4	1				
Bunker Hill Dairy.																					

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Kellermann, F.	3127A Minnesota	5	2	3		1				6					1	8	1		1						
Russell Farm Dairy.																									
Kellman Bros.	4962 Nat. Bridge rd.	7	6		1			1		4		3				6	2				1				
Kemper, Jos.	3732 Robert	8	7	1		1																			
Kemper Farm Dairy.																									
Kennedy, R. O	3913 Lincoln	2		2						1					1										
Kersens, Ger.	2303 Adams	5	1		4	1				1		1				4	1			2					
Kessler, Chas.	101 Nelly	4	2		2	2																			
Kettman-Koch D. Co.	2533 Hebert	8	4	2	2	3				4		1			3	5	1				2				
Herbert St. Dairy.																									
Keyes Farm & Dairy Co.	3685 Olive	58	49	9		3				1	1					44					3				
Klaus, Aug.	2851 S. Seventh	4	2	2		1				6		2				4									
Imperial Dairy.																									
Klasing, Wm.	6339 Ouida	1	1							1		1				1									
Klaus, A.	3668 Gravois	1	1							1			1			2									
Klausmeier	1908 Franklin	10	9	1		3				2		2				7	2		2						
Kleen, E.	4223 Nat. Bridge rd.	4	4													4					1				
Kleen, Jac.	4860 Bircher	6	4	2						1						5					1				
Klinger, Chas.	4858 Nat. Bridge rd.	7	6	1						3		1				6	1				1				
Merchants' Dairy.																									
Klosterman, Her.	3301 Kosciusko	2	2							7						5									
Klinger, Gus.	Fair and Carter	2	1		1	2										1									
Klinger's Dairy.																									
Knackstadt, Chr.	3666 Upton	6	3	2	1	1																			
Knackstadt Farm Dairy																									

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Knese, L.	2834 Keokuk	—								2						2						
Oregon Farm Dairy.																						
Knese, Wm.	2738 Lasalle	8	4	4						5						6						
National Dairy.																						
Knobbe, A.	2922 Oregon	5	5							—						3	1					
Knupp, Wm.	2834 Iowa	—								7		1			1	5				1		
Swiss Mt. Dairy.																						
Knussman, John	4177 Kossuth	3	3			2				—						—						1
Korte, Geo.	2850 Keokuk	1	1							3						3						
Wild Hunter Dairy.																						
Kramer, H. W.	2900 Minnesota	1	1							—						1						
Kreienbuehl, A.	3841 Benton	1	1							4						3						
Kruempeler, B.	6723 Florissant	—								3		3				3						2
Krull, John	3012 Osage	3		3		1				1						3						
Compton Heights Dairy.																						
Landzettel, L.	4614 Carter	1			1	1				—						—						
Lange, Theo., Agt.	212 S. Eighteenth	—								—						4		2				
Langeland, Jos	5055 Nat. Bridge rd.	3	1	1	1					3		1				3						
Langensand, C.	1331 Arsenal	—								4						4						
McFain Ave. Dairy.																						
Langensand, J.	3820 Nebraska	4	2	2		1				8	2	2				7						1
South St. Louis Dairy.																						
Lauman, R. R.	Normandy	5	2	2	1					3	1					4						
Lee, John	Baden	1	1							—						—						
Leventhal, Hy.	1021 High	1		1		1				2												1
Liesing, Theo.	3415 Virginia	6	3		3	4				8		1				4	2					
Virginia Av. Dairy.																						
Lochmoeller, Ed.	4932 Loraine	3	2		1	1				12	1	8			1	7			1			4
Lochmoeller, Emilie	4950 Nat. Bridge rd.	—								3		1		1		1						
Lochmoeller, L.	4748 Nat. Bridge rd.	5	2	2	1	1				2						4						1
Lochmoeller, Wm.	4952 Loraine	6	3	3			1		1	5		2	1		1	5	2	2				
Lochmoeller Dairy.																						
Loeb, Max & Leo	Ohio and Rutger	35	28	5	2				2	6						23				1		
Rosamond Dairy.																						
Looby, John	3800 Wilmington	6	6							—						2						
Luebke, Ber.	5430 Bischoff	4	2	1	1	1				4						6				1		
Macklind Farm Dairy.																						
Luebke, Hy.	5317 Odell	3	1	1	1	1				1						4						
McCabe, Luke	3680 Blow	5	3	2						—						—						
McCabe Farm Dairy																						
McCabe, Pat.	3720 Robert	3	1	2						—						2						
Eureka Dairy.																						
McElroy, J. S.	4154 Manchester	—								1		1	1			—						
McGrath, J.	Luxemburg	4	2	2						—						—						
McMenamy, H.	Central, Mo.	1		1						—						—						1
Mehrhoff, Chr.	329 Talcot	7	5	1	1	2	1		1	5	1	1	1			8						1
Meier, Anton	2404 E Marcus	5	2	3				1		7		2				6	2					

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Meiners, John	2929 La Salle	3	2	1												2					1
Meyer, Fred Louis	4325 Taylor	3	3													6		2			
Mintert, Fred	5105 Penrose	2	1	1		1				4	1	4				2					1
Mintert, Frank	4276 Ashland	1		1	1	1				1	1	1				2					
Moorman, H. B.	4011 Papan	2		1	1					4	4				1	5					1
Mosiman, Hy.	3308 Easton	3	1	1	1	2	2		1							3		2			
Mosiman Dairy.																					
Mueller, Hy.	2906 California	1	1																		
Mueller, J. B. Mrs.	2836 Pestalozzi	7	5	2						7						7					
Columbia Dairy.																					
Muenster, Mary	2711 S. Broadway	2	1	1						7						6					
Eagle Dairy.																					
Munzlinger, A.	3668 Gravois	—								1						1					
Mullen, Pat.	4234A North Market.	3	2	1						2											
Murray, Bros.	2501 Good	7	7													4					1
Murray, Peter and Alex.	1115 N. Vandeventer.	22	20	2						1	1					15		1			
Naegell & Betschart	2823 Pestalozzi	2	2							5						5					
South St. Louis Dairy.																					
Naegell & Neiger	2823 Pestalozzi	—								2	1	1				2					
Nagel, Fred	4015 Florissant	9	5	3	1	1				5	2	1				7					
Tip Top Dairy.																					
Nagel, H. C.	4341 De Soto	6	2	4		3				1		1				4					
Nelger, Caspar	3668 Gravois	1	1							6	1	1				5					
Irving Spring Dairy.																					

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Niehaus, Her.	4228 Gratiot	4	2	....	2	1	....	....	.....	3	....	....	....	....	.....	4	....	....	....	.....	....
Nordberg, Marg.	2810 Texas	1	....	....	1	1	....	....	.....	1	....	1	....	....	.....	2	1	....	....	.....	....
Nordman, Wm.	3435 Kosciusko	1	....	1	....	....	....	....	.....	3	....	....	....	....	.....	3	1	....	....	.....	1
Nordman, Math.	3446 De Kalb	9	8	1	....	1	....	....	.....	4	....	....	....	....	.....	5	....	....	....	.....	....
Southeastern Dairy.																					
Nota, Joe	Sutter P. O.	1	1	....	....	....	....	....	.....	—	....	....	....	....	.....	—	....	....	....	.....	....
Nurnberger, Mike	3218 Easton	5	3	....	2	2	5	....	2	2	1	1	1	....	.....	5	1	2	....	2	1
Nutli, J. N.	218 Berry	2	....	2	....	2	....	....	.....	1	....	1	....	....	.....	3	....	....	....	.....	....
Oldenburg, Theo.	3843 Chouteau	6	5	....	1	1	....	....	1	—	....	....	....	....	.....	1	....	....	....	1	....
Olinger, J.	3824 Louisiana	—	....	....	....	....	....	....	.....	1	....	....	....	....	.....	2	....	....	....	1	....
Oswingle, H.	6305 Bulwer	2	....	2	....	1	....	....	.....	—	....	....	....	....	.....	—	....	....	....	.....	1
Pevely Dairy Co.	3301 Park	39	38	1	....	....	....	....	.....	—	....	....	....	....	.....	34	....	....	....	2	1
Philips, H.	5112 San Francisco	3	1	....	2	2	....	....	.....	5	....	2	....	....	.....	3	1	....	....	.....	1
Pleis, Ber.	2918 California	8	2	5	1	1	....	....	.....	2	....	....	....	....	.....	6	....	....	....	.....	....
Polunsky, Sam.	2740 Olive	11	4	5	2	1	....	....	.....	2	....	1	....	....	.....	8	1	....	1	2	....
Penmar Dairy.																					
Polunsky, G.	816 Carr	7	5	1	1	1	....	....	.....	1	....	....	....	....	.....	—	....	....	....	.....	3
Highland Dairy.																					
Post, Bernhard	3959 California	—	....	....	....	....	....	....	.....	2	....	....	....	....	.....	1	....	....	....	.....	....
Quinn, John	4342 Duncan	1	1	....	....	....	....	....	1	—	....	....	....	....	.....	—	....	....	....	.....	....
Raskas, J.	1025 N. Ninth	3	1	2	....	1	....	....	.....	—	....	....	....	....	.....	—	....	....	....	.....	1
Reed, Alonzo	Wellston, Mo.	1	1	....	....	....	....	....	.....	—	....	....	....	....	.....	—	....	....	....	.....	....
Regli, Anton	1849 S. Fourteenth	11	7	3	1	....	....	....	.....	7	2	1	....	....	.....	10	....	....	....	.....	2
Rose Hill Dairy.																					
Regli, Anton, Jr.	3668 Gravois	7	3	4	....	....	....	....	.....	1	....	....	....	....	.....	6	....	....	....	.....	....
Sanguinette Dairy.																					
Reher, Wm.	3856 Sarpy	5	3	1	1	....	....	....	.....	5	....	1	....	....	.....	5	1	....	....	1	4
Sarpy Av. Dairy.																					
Reiden, Alex.	6332 Ouida	2	....	2	....	1	....	....	.....	—	....	....	....	....	.....	—	....	....	....	.....	2
Repp, Julius	4332 Nat. Bridge rd.	7	2	4	1	....	....	....	.....	9	1	1	....	....	.....	9	....	....	....	.....	....
Repp's Dairy.																					
Rethmeyer, C.	3439 Kosciusko	—	....	....	....	....	....	....	.....	8	....	1	....	....	.....	7	....	....	....	.....	....
Reuter, Peter	2420 De Kalb	5	1	2	2	1	....	....	.....	5	....	1	....	....	.....	5	1	....	....	1	....
Southeastern Dairy.																					
Reichert, D.	3722 Kosciusko	3	1	2	....	....	....	....	.....	3	....	....	....	....	.....	2	....	....	....	.....	....
Ries, F.	5022 McKissock	2	1	1	....	....	....	....	.....	9	....	2	1	....	1	9	....	....	....	.....	2
Rikli, Jos	3738 Nebraska	2	....	....	2	2	....	....	.....	—	....	....	....	....	.....	2	....	....	....	.....	....
Risch, Jacob	2727 Lafayette	7	4	3	....	....	1	....	.....	10	....	....	....	....	1	9	3	2	....	.....	....
Swiss Model Dairy.																					
Risch, John	Bobringville	35	34	1	....	3	....	....	2	....	....	....	....	....	.....	....	....	....	....	.....	5
Risch, Max	1214 S. Broadway	5	4	1	....	....	....	....	.....	3	....	....	....	....	.....	6	1	....	....	1	2
Robben, Frank	3203 Magnolia	8	2	3	3	4	....	....	.....	5	....	....	....	....	.....	10	4	....	....	.....	....
Robben, Jos.	2728 Texas	—	....	....	....	....	....	....	.....	1	....	1	....	....	.....	—	....	....	....	.....	....
Rodefeld, Hy.	4329 Farlin	5	2	3	....	....	....	....	.....	1	....	....	....	....	.....	5	....	....	....	.....	2
Lexington Dairy.																					
Ruemping, Jos.	2828 Oregon	9	7	2	....	....	....	....	.....	6	1	....	....	....	.....	9	....	....	....	.....	....
Western Dairy.																					

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NAME OF VENDOR. Note—Where two names are given the first is that of the proprietor, the second that used on the wagons. In the case of an incorporated dairy the firm name only is given.	ADDRESS OF VENDOR.		MILK.										SKIMMED MILK.								CREAM.					
			Total No. of Samples.	No. of Samples containing more than 3.6% fat.	No. of Samples containing more than 3.0% and less than 3.6% fat.	No. of Samples containing less than 3.0% of fat.	No. of Samples containing less than 8.5% solids not fat.	No. of Samples containing a preservative.	No. of Samples containing a coloring matter or thickener.	No. of Samples containing excessive dirt or showing evidence of composition.	Total No. of Samples.	No. of Samples containing less than 1.5% of fat.	No. of Samples containing less than 10.5% total solids.	No. of Samples containing a preservative.	No. of Samples containing a coloring matter.	No. of Samples containing excessive dirt or showing evidence of decomposition.	Total No of Samples.	No. of Samples containing less than 12% fat.	No. of Samples containing a preservative.	No. of Samples containing a coloring matter or thickener.	No. of Samples containing excessive dirt or showing evidence of decomposition.	No. of Samples of any product taken at a temp. above 50° F.
Ruest, F.	3233 Ohio		1	1	....	....	....	....	....	....	3	....	....	....	....	....	1	....	....	....	....	2
Ruhlmann, Jos.	2737 La Salle		3	1	2	....	1	1	....	....	3	....	....	....	....	....	3	1	1	....	....	1
Rustige, Theo.	2916 Nebraska		1	....	....	1	1	....	....	....	7	....	2	1	....	....	7	1	1	....	....	1
Grand Valley Dairy.																						
St. Louis Dairy Co.	Twentieth and Pine.		81	74	7	....	1	2	....	....	—	....	....	....	....	....	57	1	....	4	....	4
Salgeon & Son	3218 Easton		2	1	1	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	1
Sanders, A.	1811 S. Thirteenth		3	1	2	....	....	2	....	....	—	....	....	....	....	....	—	....	....	....	....	....
Sanders, B. H.	3507 N. Ninth		1	....	....	1	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	1
Sanders, John	3126 California		—	....	....	....	....	....	....	....	6	....	....	....	....	....	6	....	....	....	....	2
Consumers' Dairy.																						
Sanders, N.	2933 La Salle		5	3	2	....	....	....	....	....	—	....	....	....	....	....	—	....	....	....	....	....
Chouteau Valley Dairy.																						
Schade, Jos.	4151 Anderson		—	....	....	....	....	....	....	....	3	....	2	....	....	....	3	1	....	1	....	....
Schattyn, John	2856 Goodfellow		3	1	1	1	....	1	....	....	3	....	1	....	....	1	4	....	1	....	....	1
Scheer, B	2755 Magnolia		3	1	2	....	....	....	....	....	4	....	....	....	....	....	4	....	....	....	....	....
Green Tree Dairy.																						
Schenker, Jac.	615 Ann		13	6	6	1	5	5	....	2	4	....	....	1	....	....	13	4	4	....	2	....
Phare Spring Dairy.																						
Schmidt, A.	3217 Utah		8	2	3	3	....	....	....	1	3	....	1	....	....	....	5	....	....	....	....	....
Sunshine Dairy.																						
Schmitt, L. H.	2659 Hickory		27	23	3	1	....	....	....	....	—	....	....	....	....	....	17	1	....	....	2	....
Schnuringer, J.	2846 Chippewa		2	1	....	1	1	....	....	1	8	....	1	....	....	....	6	1	....	....	2	....
Western Dairy.																						

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Schomaker, Hy.	2017	S. Eleventh	11	5	6	....	1	....	....	.....	5	....	1	....	....	.....	8	1	....	....	.....	3
Schomaker's Dairy.																							
Schottel, J.	2838	Nebraska	4	1	2	1	....	....	....	.....	8	....	....	....	....	1	11	3	....	....	1	2
Central Dairy.																							
Schroer, J. F.	1307	Benton	5	5	....	....	....	....	....	.....	4	....	....	....	....	.....	—	....	....	....	.....	....
Schuler, J. L.	1030	Clark	43	16	14	13	33	3	6	4	3	2	....	....	....	.....	8	6	1	2	1	6
Schulte, Geo.	4816	Nat. Bridge rd.	5	....	....	5	5	....	....	2	....	....	....	....	....	.....	....	....	....	....	.....	4
Schulte, Her.	4453	Taylor	—	....	....	....	....	....	....	.....	7	3	4	....	....	.....	4	1	....	....	.....	2
Schulte, J. H.	4568	Carter	—	....	....	....	....	....	....	.....	3	1	2	....	1	.....	2	1	....	....	.....	1
Schulte, J. H.	3234	Oregon	3	3	....	....	....	....	....	.....	10	....	....	....	....	.....	11	1	....	....	.....	....
Valley Farm Dairy.																							
Schulte, Wm	2846	California	6	4	2	....	....	....	....	.....	4	....	....	....	....	.....	5	....	....	....	.....	....
Forest Pk. Highlands Dy.																							
Schulte, Wm.	2730	La Salle	5	4	....	1	....	....	....	.....	6	....	....	....	....	.....	6	....	....	....	1	....
Schultenhenrich, A.	3457	Illinois	1	....	1	....	....	....	....	.....	1	....	1	....	....	.....	2	1	....	....	.....	....
Schwalke, F.	2313	Bircher	—	....	....	....	....	....	....	.....	1	....	1	....	....	.....	....	....	....	....	.....	1
Schwarz, E.	6310	Newstead	2	1	1	....	....	....	....	.....	1	....	1	....	....	.....	—	....	....	....	.....	....
Schwend, Ad.	3923	Illinois	2	2	....	....	....	....	....	.....	1	....	1	....	....	.....	3	....	....	....	.....	....
Seifert, B.	3277	Sublette	3	2	1	....	2	....	....	.....	—	....	....	....	....	.....	—	....	....	....	.....	....
Seimer, Ber.	7822	Virginia	6	2	4	....	1	....	....	.....	—	....	....	....	....	.....	—	....	....	....	.....	....
Shea, J.	2221	Euclid	2	2	....	....	....	....	....	.....	—	....	....	....	....	.....	—	....	....	....	.....	....
Chouteau Dairy.																							
Shnidman, M.	1120	N. Ninth	3	2	1	....	1	....	....	.....	—	....	....	....	....	.....	—	....	....	....	.....	....
Sill, J.	5308	McKissock	1	....	1	....	....	....	....	.....	1	....	....	....	....	.....	1	....	....	....	.....	....
Smith, J. H.	3012	Lulu	4	4	....	....	....	....	....	.....	—	....	....	....	....	.....	3	....	....	....	.....	....
Sommerhalder, A.	3274	Gravois	10	1	9	....	....	....	....	.....	—	....	....	....	....	.....	7	....	....	....	.....	....
Swiss Model Dairy.																							
Spreitzer, M.	2326	Salena	8	4	4	....	....	....	....	.....	—	....	....	....	....	.....	5	....	....	....	.....	....
Staats, Hy.	4637	Evans	7	3	3	1	....	....	....	1	4	....	1	....	....	1	4	1	....	....	.....	3
Stanglein, Jr. J.		Wellston, Mo.	3	3	....	....	....	....	....	.....	—	....	....	....	....	.....	—	....	....	....	.....	....	1
Starman, Hy.	2715	Wyandotte	—	....	....	....	....	....	....	.....	1	....	1	....	....	.....	1	1	....	....	.....	....
Steffen, D.	2844	Iowa	4	....	4	....	1	....	....	.....	4	....	....	....	....	.....	6	....	....	....	.....	....
Rocky Branch Dairy.																							
Stein, G. W.		Normandie	6	6	....	....	....	1	....	.....	....	....	....	....	....	.....	—	....	....	....	.....	2
Steinkamp, F.	6328	Newstead	1	....	1	....	....	....	....	.....	4	....	2	....	....	.....	4	....	....	....	.....	1
Steinlage, Aug.	6631	Florissant	7	7	....	....	....	....	....	.....	....	....	....	....	....	.....	—	....	....	....	.....	....
Steinlage, Hy.	6631	Florissant	1	1	....	....	....	....	....	.....	8	1	3	5	....	2	5	1	3	....	1	4
O'Fallon Park Dairy																							
Steinlage, J. C.	4150	Marcus	3	1	2	....	1	....	....	.....	4	2	3	....	....	.....	4	1	....	1	.....	3
Gold Spring Dairy.																							
Steinlage, J. G.	6631	Florissant	9	4	5	....	4	2	....	1	1	....	1	....	....	1	....	....	....	....	.....	3
North St. Louis Dairy.																							
Stickling, Marg.	4208	Ashland	2	....	1	1	1	....	....	.....	—	....	....	....	....	.....	—	....	....	....	.....	1
Storbeck, Chas.	3131	Clay	2	2	....	....	....	....	....	.....	11	....	1	....	....	.....	7	....	....	....	.....	2
Forest Dairy.																							
Stout, Ch.	5597	Arthur	1	....	1	....	1	....	....	.....	—	....	....	....	....	.....	—	....	....	....	.....	1
Suhl, Hy.	3907	Illinois	1	....	....	1	....	....	....	.....	4	....	3	....	....	.....	4	....	....	....	.....	—

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NAME OF VENDOR. Note—Where two names are given the first is that of the proprietor, the second that used on the wagons. In the case of an incorporated dairy the firm name only is given.	ADDRESS OF VENDOR.	MILK. Total No. of Samples.	No. of Samples containing more than 3.6% fat.	No. of Samples containing more than 3.0% and less than 3.6% fat.	No. of Samples containing less than 3.0% of fat.	No. of Samples containing less than 8.5% solids not fat.	No. of Samples containing a preservative.	No. of Samples containing a coloring matter or thickener.	No. of Samples containing excessive dirt or showing evidence of decomposition.	SKIMMED MILK. Total No. of Samples.	No. of Samples containing less than 1.5% of fat.	No. of Samples containing less than 10.5% total solids.	No. of Samples containing a preservative.	No. of Samples containing a coloring matter.	No. of Samples containing excessive dirt or showing evidence of decomposition.	CREAM. Total No. of Samples.	No. of Samples containing less than 12% fat.	No. of Samples containing a preservative.	No. of Samples containing a coloring matter or thickener.	No. of Samples containing excessive dirt or showing evidence of decomposition.	No. of Samples of any product taken at a temp. above 50° F.
Sutter, Jos.	2419 De Kalb	2	1	....	1	....	....	....	....	4	....	1	....	....	....	6	4	....	....	....	—
National Dairy																					
Sutter, Louis	1050 Sutton	7	4	2	1	....	....	....	....	—	....	....	....	....	....	—	....	....	....	....	....
Switzer, Jos.	3841 Duncan	4	2	1	1	....	....	....	....	....	....	....	....	....	....	3	....	....	....	....	....
Taylor, A. R.	1625 Franklin	8	5	1	2	....	....	....	....	1	....	....	....	....	....	3	....	....	1	....	....
Terborg, Hy.	3225 Missouri	4	3	1	....	....	....	....	....	1	....	1	....	....	....	2	....	....	....	....	....
Lyon Park Dairy.																					
Thelsman, B.	2423 Bircher	—	....	....	....	....	....	....	....	12	....	....	....	....	....	7	1	....	....	....	1
Thoma, D.	3674 Primm	3	....	....	2	....	....	....	....	1	....	....	....	....	....	2	....	....	....	....	2
Tiekemeier, Hy.	Normandie	1	....	....	....	....	....	....	....	—	....	....	....	....	....	—	....	....	....	....	....
Trutsch, L.	3457 Winnebago	7	5	2	....	....	....	....	....	2	....	....	....	....	....	5	....	....	....	....	....
St. Louis Dairy.																					
Uhlen, Hy.	2632 Lynch	1	1	....	....	....	....	....	....	7	....	....	....	....	....	6	....	....	....	....	....
Reservoir Park Dairy.																					
Union Dairy Co.	Jefferson & Wash'tn.	115	92	21	2	....	....	....	....	—	7	1	2	....	....	81	....	3	1	6	1
Unland, Her.	4560 Carter	—	....	....	....	....	....	....	....	7	1	2	....	....	....	5	....	....	....	....	1
Unnerstall, Hy.	Baden, Mo.	—	....	....	....	....	....	....	....	1	1	—	....	....	....	1	....	....	....	....	....
Varwig, Amelia	4864 Nat. Bridge rd.	6	1	2	3	....	....	....	....	1	....	....	....	....	....	6	....	....	....	1	....
Morning Glory Dairy.																					
Varwig Bros.	4879 Alsace	7	5	2	....	....	....	....	....	1	....	....	....	....	....	6	1	....	....	....	....
Old Homestead Dairy.																					
Varwig, Rudolph	4120 Ashland	2	2	....	....	....	....	....	....	—	....	....	....	....	....	1	....	....	....	....	....
Vassler, L.	Wellston, Mo	5	3	2	....	1	1	....	....	—	....	....	....	....	....	4	1	....	....	....	....
Voegtle, F.	8705 Riley	1	1	....	....	....	....	....	....	....	....	....	....	....	....	—	....	....	....	....	....

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Vogel, Chas.	7537 Hige	2	2						—						—					2
Vorholt, H.	2905 Pennsylvania	6	1	4	1				3						4					—
Southwestern National Dy.																				
Vorwerk, B.	4033 Papin	3			3	2			—						4					—
Walker, J. D.	3840 Wilmington	3	3						—						—					—
Shady Brook Dairy.																				
Walsh, James	2810 Belt	5	2	3					—						—					—
Waser, Jos.	2011 S. Eighteenth	6	1	4	1				2						5					—
Allen Av. Dairy.																				
Weber, Geo.	2307 E. Marcus	—							1		1				—					—
Weiss, Anton	Sutter P. O.	8	7	1					8	1	2				8	1			1	—
Weltekemper, C.	2336 E. Marcus	2		2		1			—						1					—
Weusthoff, Her.	4525 Carter	—							4		2				3					1
Wessel, Barney	2906 Ohio	7	6	1					7		1				9					—
Southern Dairy.																				
Wessels, Hy.	819 Allen	2	1		1				2						2					—
Wessling, Aug.	3909 Marine	1	1						7		2				6					—
Kaiser Hill Dairy																				
Wester, J. B.	2825 Pestalozzi	8	2	6				1	6						9	1			3	2
Wester, Mary	4212 N. Manchester	3	3			1			5						5	1				—
Wester's Dairy.																				
Westerhof, F.	4257 Goodfellow	15	11	2	2	3		3	—						7				1	—
Western Dairy Co.	1908 Franklin	45	29	8	8	13	5	1	2	—					31	17	6	7	2	—
Wildeisen, W. C.	6374 Newstead	1		1						3					3					2
Wingbermuehle, A.	3718 Kosciusko	—								2					1					2
Winkelmann, B. H.	205 May	2	2						3		1				3	1	1			2
Winkelmann, Jos.	205 May	5	1	2	2	2	1		4	2	3	2	1		2	1	1	1		5
Woestman, L.	1133 Benton	2		2		1			—						1					—
Wohlwend, M.	3700 Potomac	3	1	1	1	3			7		1				1					—
Potomac St. Dairy.																				
Wolken, Geo.	2845 Ohio	3	1	1	1	1			1						3	1				—
World's Fair Dairy.																				
Wolken, G. H.	3274 Gravois	4	2		2				—						1					—
Wolken, Hy.	2808 Ohio	10	3	5	2	2			5						6					—
St. L. Model Dairy.																				
Wolter, Fred	637 Carrie	1			1	1			1		1				1					2
Wortmann, Hy.	2818 Chippewa	3	2	1					2		1				4	1				—
Jefferson Heights Dairy.																				
Wotli, Geo.	3405 Miami	—							6		6		1		6			1		—
Beckville Dairy.																				
Wotli, Henry	3414 Potomac	—							6						5					—
Wotli, Louis	3720 Iowa	1	1						2		2				2					—
Montesano Springs Dairy.																				
Wotli, Peter	3536 Arkansas	3	2		1				8						7					—
Arkansas Av. Dairy.																				
Youngermann, Ch.	4431 Oleatha	—							3		3				2					1
Zinser, F.	2919 La Salle	1	1						4		1				5	1				—
Rock Hill Dairy.																				
Zurfluh, A.	3005 S. Compton	5	5					1	5					1	10		1		2	3
Arsenal Heights Dairy.																				
		1857	1207	470	180	255	31	13	47	983	47	204	28	17	18	1628	154	62	36	72	178

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CITY HOSPITAL.

Presenting nine tables, etc., as follows:

Table No. 1.—Showing by classes and orders the diseases treated.
Table No. 2.—Showing number of patients admitted, discharged, etc.
Table No. 3.—Showing deaths within 48 hours.
Table No. 4.—Showing Coroner's cases.
Table No. 5.—Showing transfers.
Table No. 6.—Showing births and still-born.
Table No. 7.—Showing ages of patients.
Table No. 8.—Showing nativity of patients.
Table No. 9.—Showing occupations.

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TABLE No. 1.

DISEASES.	Remaining April 1, 1903.	Recovered.	Improved.	Not Improved.	Transferred to Insane Asylum.	Died.	Remaining April 1, 1904.	Total No. of Patients Treated.
All Causes	459	2862	5963	767	171	1143	529	12102
Classes—								
1. Zymotic	108	1397	1294	86	.....	135	74	3094
2. Constitutional	41	110	636	306	.....	178	28	1299
3. Local	187	740	2102	304	171	524	265	4293
4. Develpomental	23	126	232	23	.....	35	39	478
5. Violence	96	489	1699	48	.....	271	113	2715
6. Nihil	5	.....	.....	208	.....	.....	10	223
Total	459	2862	5963	975	171	1143	529	12102

CLASS No. 1.—Zymotic.

Order 1—Miasmatic	32	539	406	15	.....	79	16	1087
" 2—Enthetic	44	86	474	62	.....	8	43	717
" 3—Dietic	32	764	410	9	.....	48	14	1277
" 4—Parasetic	.....	8	4	.....	.....	.....	1	13
Total	108	1397	1294	86	.....	135	74	3094

CLASS No. 2.—Constitutional.

Order 1—Diathetic	18	104	385	35	.....	17	24	583
" 2—Tubercular	23	6	251	271	.....	161	4	716
Total	41	110	636	306	.....	178	28	1299

CLASS No. 3.—Local.

Order 1—Nervous System	28	86	365	159	171	57	28	894
" 2—Ear	1	4	14	1	.....	.....	4	24
" 3—Circulatory	16	28	164	17	.....	72	25	322
" 4—Respiratory	32	238	491	40	.....	194	54	1109
" 5—Digestive	18	148	347	26	.....	59	35	633
" 6—Urinary	46	42	241	25	.....	136	38	528
" 7—Generative	8	27	62	8	.....	2	12	119
" 8—Locomotory	.....	3	16	3	.....	.....	6	28
" 9—Eye	3	4	40	4	.....	.....	5	56
" 10—Integumentary	35	100	362	21	.....	4	58	580
Total	187	740	2102	304	171	524	265	4293

CLASS No. 4.—Developmental.

Order 1—Children	.....	2	1	.....	.....	16	.....	19
" 2—Women	3	122	106	12	.....	4	14	261
" 3—Age	20	2	125	11	.....	15	25	198
Total	23	126	232	23	.....	35	39	478

SUICIDES AND ACCIDENTS.

Order 1	96	489	1699	48	.....	271	113	2715
Order 1—Nihil	5	.....	.....	208	.....	.....	10	223

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CLASS No. 1.—ZYMOTIC. ORDER No. 1.—**Miasmatic Diseases.**

DISEASES.	Remaining April 1, 1903.	Recovered.	Improved.	Not Improved.	Transferred to Insane Asylum.	Died.	Remaining April 1, 1904.	Total No. of Patients Treated.
Cholera Morbus			3					3
Colic		7	1					8
Diphtheria		12	3			10	2	27
Dysentery		9	22	4		6		41
Enterocolitis			1			2		3
Erysipelas		62	16	1		3	2	89
Fever, Malaria	30	233	277	6		10	6	562
" Thermic		2	1			2		5
" Scarlet		33	3			4		40
" Typhoid	2	57	29	1		27	1	117
Measles		95	21					116
Septicaemia						10		10
Tonsilitis		27	24				5	56
Varicella		2	5	1				8
Variola				2				2
Total	32	539	406	15		79	16	1087

ORDER No. 2.—Enthetic Diseases.

Bubo	6	18	64	9			5	102
Chancroids	7	21	69	7			8	112
Gonorrhoea	10	23	95	16			6	150
Syphilis	21	13	198	23		8	18	281
Orchitis		11	48	7			6	72
Total	44	86	474	62		8	43	717

ORDER No. 3.—Dietic Diseases.

Alcoholism	32	704	410	9		48	14	1277

ORDER No. 4.—Parasetic Diseases.

Pediculosis		8	4				1	13

CLASS No. 2.—CONSTITUTIONAL. ORDER No. 1.—Diathetic Diseases.

Cancer, Face	8		11	5		6	4	34
" Stomach			3	1		7		11
" Uterus			1	2		1		4
Lumbago		5	14					19
Rheumatism	10	99	356	27		3	20	515
Total	18	104	385	35		17	24	583

ORDER No. 2.—Tubercular Diseases.

Phthisis Pulmonalis	23	6	251	271		161	4	716

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CLASS No. 3.—**LOCAL DISEASES.** ORDER No. 1.—Diseases of Nervous System.

DISEASES.	Remaining April 1, 1903.	Recovered.	Improved.	Not Improved.	Transferred to Insane Asylum.	Died.	Remaining April 1, 1904.	Total No. of Patients Treated.
Cerebral Hemorrhage	.....	.....	3	.....	.....	3	.....	6
Chorea	.....	.....	2	1	.....	1	.....	4
Dementia	.....	.....	12	24	41	.....	.....	77
Epilepsy	2	21	104	7	.....	10	3	147
Hemiplegia	.....	2	27	3	.....	6	2	40
Hysteria	.....	9	23	5	.....	.....	.....	37
Insanity	.....	.....	19	9	121	2	.....	151
Insolation (Heat Prostration)	.....	21	14	.....	.....	5	.....	40
Locomotor Ataxia	.....	.....	2	1	.....	.....	.....	3
Meningitis, Cerebral	.....	.....	2	1	.....	14	.....	17
Myalgia	.....	2	.....	.....	.....	.....	.....	2
Myelitis	.....	.....	5	2	.....	1	.....	8
Neuralgia	3	1	11	.....	.....	.....	5	20
Neurasthenia	7	9	33	5	.....	.....	4	58
Neuritis	3	4	13	.....	.....	.....	5	25
Observation	8	14	56	90	9	.....	3	170
Paralysis	4	2	37	10	.....	4	6	63
Tetanus	1	1	2	1	.....	11	.....	16
Total	28	86	363	159	171	57	28	894

ORDER No. 2.—Diseases of Ear.

Otitis Media	1	4	14	1	.....	.....	4	24

ORDER No. 3.—Diseases of Circulatory System.

Angina Pectoris	.....	1	1	.....	.....	1	.....	3
Aneurism	.....	1	3	2	.....	3	.....	9
Aortic Stenosis	2	1	15	3	.....	5	4	30
Apoplexy, Cerebral	.....	.....	9	2	.....	22	.....	33
Endocarditis	2	.....	11	1	.....	4	5	24
Epistaxis	.....	8	3	.....	.....	.....	2	13
Mitral Insufficiency	11	17	122	9	.....	36	14	209
Pericarditis	.....	.....	.....	.....	.....	1	.....	1
Total	16	28	164	17	.....	72	25	322

ORDER No. 4.—Diseases Respiratory System.

Asthma	2	6	48	4	.....	3	4	67
Bronchitis	8	47	165	19	.....	9	12	260
Emphysema	2	.....	12	.....	.....	.....	.....	14
Grip	6	73	138	11	.....	1	10	239
Laryngitis	.....	1	3	.....	.....	.....	.....	4
Oedema Lungs	.....	.....	.....	.....	.....	4	.....	4
Pleuritis	2	43	57	6	.....	10	4	124
Pharyngitis	.....	5	6	.....	.....	.....	2	13
Pneumonia	12	108	50	.....	.....	167	20	357
Whooping Cough	.....	13	12	.....	.....	.....	2	27
Total	32	298	491	40	.....	194	54	1109

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ORDER No. 5.—Diseases of Digestive System

DISEASES.	Remaining April 1, 1903.	Recovered.	Improved.	Not Improved.	Transferred to Insane Asylum.	Died.	Remaining April 1, 1904.	Total No. of Patients Treated.
Abscess Liver	.....	1	1	.....	.....	3	.....	5
Appendicitis	.....	13	4	.....	.....	8	2	27
Cirrhosis Liver	.....	5	23	4	.....	12	4	48
Colic	.....	.....	2	.....	.....	.....	.....	2
Constipation	.....	7	15	.....	.....	.....	5	27
Leukaemia	.....	.....	.....	.....	.....	2	.....	2
Enteritis	2	14	39	2	.....	2	.....	59
Fistula in Ano	1	5	23	4	.....	.....	4	37
Gastritis	10	61	135	6	.....	8	8	228
Hemorrhoids	2	5	19	2	.....	.....	3	31
Hernia	2	23	42	4	.....	5	4	80
Jaundice	.....	.....	3	.....	.....	.....	1	4
Peritonitis	.....	2	3	.....	.....	10	.....	15
Stricture	1	12	34	4	.....	5	4	60
Intestinal Obstruction	.....	.....	4	.....	.....	4	.....	8
Total	18	148	347	26	.....	59	35	633

ORDER No. 6.—Diseases of Urinary System.

Cystitis	5	7	19	.....	.....	2	6	39
Diabetes Mellitus	1	.....	2	1	.....	5	.....	9
Nephritis	40	30	207	24	.....	100	31	432
Retention Urine	.....	4	11	.....	.....	1	1	17
Uraemia	.....	1	2	.....	.....	27	.....	30
Pyonephrosis	.....	.....	.....	.....	.....	1	.....	1
Total	46	42	241	25	.....	136	38	528

ORDER No. 7.—Diseases Generative System.

Dysmenorrhoae	.....	1	11	.....	.....	.....	2	14
Epididymetis	3	2	3	.....	.....	.....	7	15
Ochitis	5	.....	6	1	.....	.....	.....	12
Salpingitis	.....	24	42	7	.....	2	3	78
Total	8	27	62	8	.....	2	12	119

ORDER No. 8.—Diseases of Locomotory System.

Arthritis	.....	2	5	1	.....	.....	2	10
Synovitis	.....	1	7	1	.....	.....	3	12
Tabes Dorsalis	.....	.....	4	1	.....	.....	1	6
Total	.....	3	16	3	.....	.....	6	28

ORDER No. 9.—Diseases of Eye.

Cataract	.....	.....	2	1	.....	.....	1	4
Conjunctivitis	2	4	24	3	.....	.....	4	37
Iritis	1	.....	14	.....	.....	.....	.....	15
Total	3	4	40	4	.....	.....	5	56

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ORDER No. 10.—Diseases of Integumentary System.

DISEASES.	Remaining April 1, 1903.	Recovered.	Improved.	Not Improved	Transferred to Insane Asylum.	Died.	Remaining April 1, 1904.	Total No. of Patients Treated.
Abscesses	20	24	76	9	.....	.....	23	152
Abscesses Ischio Rectal	.....	1	12	.....	.....	.....	2	15
" Abdominal Wall	.....	.....	.....	.....	.....	1	.....	1
" Psoas	.....	1	3	.....	.....	.....	.....	4
Adenitis	.....	4	13	1	.....	.....	2	20
Carbuncle	.....	8	7	.....	.....	.....	1	16
Cellulitis	.....	25	87	.....	.....	2	6	120
Eczema	.....	9	25	.....	.....	.....	4	38
Ulcers	15	28	139	11	.....	1	20	214
Total	35	100	362	21	.....	4	58	580

CLASS No. 4.—DEVELOPMENTAL ORDER No. 1.—Children.

Marasmus	.....	.....	1	.....	.....	5	.....	6
Stillborn	.....	.....	.....	.....	.....	3	.....	3
Inanition	.....	2	.....	.....	.....	8	.....	10
Total	.....	2	1	.....	.....	16	.....	19

ORDER No. 2.—Women.

Abortion	.....	25	18	3	.....	1	1	48
Endometritis	.....	3	29	2	.....	.....	4	38
Miscarriage	.....	17	11	.....	.....	.....	3	31
Pregnancy	3	77	48	7	.....	2	6	143
Puerperal Septicaemia	.....	.....	.....	.....	.....	1	.....	1
Total	3	122	106	12	.....	4	14	261

ORDER No. 3.—AGE.

Senility	20	2	125	11	.....	15	25	198

CLASS No. 5.—Violence, Order, Accidents, Attempted Suicides.

Asphyxiation	.....	14	9	.....	.....	.....	.....	23
Burns	3	14	48	3	.....	20	2	90
Concussion Brain	.....	2	6	.....	.....	4	.....	12
Contusions	50	65	324	3	.....	4	25	471
Crushed Limbs	.....	8	27	1	.....	10	3	49
Dislocations	2	4	36	4	.....	2	5	53
Total	55	107	450	11	.....	40	35	698

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CLASS No. 5.—(Continued)—Accidents.

DISEASES.	Remaining April 1, 1903.	Recovered.	Improved.	Not Improved	Transferred to Insane Asylum.	Died.	Remaining April 1, 1904.	Total No. of Patients Treated.
Fracture, Clavicle	.....	5	25	3	.....	.....	1	34
" Colles	.....	3	10	1	.....	.....	.....	14
" Femur	.....	12	53	4	.....	10	3	84
" Fibula	.....	9	25	1	.....	.....	1	36
" Foot	.....	2	15	.....	.....	.....	.....	17
" Humerus	.....	3	29	2	.....	4	2	40
" Maxilla	.....	3	16	.....	.....	.....	.....	19
" Nose	.....	1	8	.....	.....	.....	.....	9
" Patella	.....	1	6	.....	.....	.....	.....	7
" Potts	.....	4	4	1	.....	.....	2	11
" Radius	1	3	10	.....	.....	.....	1	15
" Ribs	1	8	40	.....	.....	5	3	57
" Pelvis	.....	.....	.....	.....	.....	1	.....	1
" Skull	.....	9	16	.....	.....	53	4	82
" Tibia	2	5	43	.....	.....	2	2	54
" Ulna	1	1	6	.....	.....	.....	4	12
" Vertebra	.....	.....	2	1	.....	6	.....	9
Frost Bite	.....	5	10	.....	.....	.....	2	17
Internal Injuries	.....	2	1	.....	.....	9	.....	12
Poisoning, Arsenic	.....	3	4	.....	.....	3	.....	10
" Carbolic Acid	.....	28	17	.....	.....	23	2	70
" Cocaine	.....	15	16	.....	.....	.....	2	23
" Laudanum	.....	10	8	.....	.....	1	.....	19
" Strychnine	.....	1	2	.....	.....	1	.....	4
" Opium	.....	.....	.....	.....	.....	.....	.....	.....
" Morphine	.....	34	53	5	.....	20	3	115
" Gas	.....	1	.....	.....	.....	.....	.....	1
" Camphor	.....	1	.....	.....	.....	.....	.....	1
" Bromide	.....	1	1	.....	.....	.....	.....	2
" Phosphorus	.....	2	.....	.....	.....	.....	.....	2
" Bichloride	.....	1	2	.....	.....	.....	.....	3
" Turpentine	.....	2	.....	.....	.....	.....	.....	2
" Chloroform	.....	1	2	.....	.....	.....	.....	3
Sprains	.....	9	19	.....	.....	.....	6	34
" Ankle	.....	35	56	1	.....	.....	4	96
" Back	.....	9	16	.....	.....	.....	.....	25
Hydrophobia	.....	.....	.....	.....	.....	4	.....	4
Chloroform Narcosis	.....	.....	.....	.....	.....	2	.....	2
Rupture Bladder	.....	.....	.....	.....	.....	1	.....	1
Shock	.....	1	3	.....	.....	1	.....	5
Post-Operative Hemorrhage	.....	.....	.....	.....	.....	1	.....	1
Total	7	230	518	19	.....	147	42	963

CLASS No. 5.—(Continued)—Accidents.

Wounds, Incised	10	15	134	1	.....	4	15	179
" Lacerated	7	11	127	2	.....	3	5	155
" Penetrating	6	.....	3	.....	.....	.....	2	11
" Punctures	.....	7	24	2	.....	.....	2	35
" Gunshot, Abdomen	.....	9	7	.....	.....	17	2	35
" " Back	.....	1	13	.....	.....	4	.....	18
" " Head	.....	4	13	.....	.....	15	.....	32
" " Chest	.....	6	26	.....	.....	8	.....	40
" " Legs	.....	14	49	1	.....	2	.....	66
" " Hand	.....	4	14	1	.....	.....	1	20
" " Shoulder	.....	2	12	.....	.....	1	.....	15
" " Neck	.....	.....	1	.....	.....	2	.....	3
Stab Wound Abdomen	10	65	270	11	.....	8	6	370
Coroner's Cases Unclassified	.....	.....	.....	.....	.....	13	.....	13
Total	95	152	731	18	.....	84	36	1116
Nihil	5	.....	.....	208	.....	.....	10	223

TABLE No. 2.

No Remaining April 1, 1903.		Remaining April 1, 1904	
Males, White	357	Males, White	372
Males, Colored	67	Males, Colored	77
Female, White	24	Females, White	61
Female, Colored	11	Females, Colored	19
Total	459	Total	529

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TOTAL ADMITTED.

	April.	May.	June.	July.	August.	September	October.	November.	December.	January.	February.	March.	Total.
Males, White	617	595	592	574	708	591	586	583	600	616	750	755	7567
Males, Colored	127	127	113	117	132	106	84	101	109	115	108	154	1392
Females, White	153	158	194	173	144	109	113	129	112	132	160	160	1737
Females, Colored	38	45	49	59	41	43	31	31	42	39	48	40	496
Total	935	925	947	923	1025	849	814	844	863	902	1066	1109	11192

TOTAL DISCHARGED.

Males, White	640	630	599	567	696	603	546	505	569	613	822	708	7528
Males, Colored	138	118	124	112	135	104	80	89	110	107	116	153	1386
Females, White	138	159	171	175	147	123	107	125	113	131	158	155	1702
Females, Colored	33	51	47	62	43	37	37	29	42	36	42	39	498
Total	949	958	941	916	1031	867	770	748	834	887	1138	1085	11114

TOTAL DEATHS.

Males, White	70	61	45	45	47	48	52	48	81	74	88	93	752
Males, Colored	29	20	16	12	11	11	8	15	20	17	17	23	199
Females, White	15	12	17	12	7	12	9	13	15	11	12	15	150
Females, Colored	2	4	4	3	5	1	2	3	6	4	5	3	42
Total	116	97	82	72	70	72	71	79	122	106	122	134	1143

TABLE No. 3.

SHOWING DEATHS WITHIN FORTY-EIGHT HOURS.

Males, White	19	12	12	15	17	22	22	20	15	12	19	21	206
Males, Colored	2	2	1	3	6	1	2	1	3	4	1	4	30
Females, White	6	6	9	6	5	7	5	4	6	6	7	5	72
Females, Colored	1	1	3	2	....	1	1	....	1	....	....	1	11
Total	28	21	25	26	28	31	30	25	25	22	27	31	319

SOCIAL CONDITION OF PATIENTS ADMITTED

	Male.	Female.	Total.		Male.	Female.	Total.
Single	5872	995	6867				
Married	2314	846	3160	Unknown	222	41	263
Widowed	551	351	902	Total	8959	2233	11192

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TABLE No. 4.

SHOWING CORONER'S CASES.

	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.
Males, White	24	18	14	21	18	18	26	22	21	21	22	26	251
Males, Colored	2	2	2	2	6	2	2	3	5	6	5	3	37
Females, White	6	6	9	8	5	6	5	2	2	6	6	5	68
Females, Colored	....	....	3	2	....	....	....	....	....	1	2	....	8
Total	32	26	28	32	29	26	33	27	28	34	35	34	364

TABLE No. 5.

SHOWING TRANSFERS TO INSANE ASYLUM.

	April.	May.	June.	July.	August.	September	October.	November.	December.	January.	Febraury.	March.	Total.
Males, White	22	17	26	26	21	....	....	....	....	....	....	....	112
Males, Colored	4	2	....	3	2	....	....	....	....	....	....	....	11
Females, White	8	13	9	13	5	....	....	....	....	....	....	....	48
Females, Colored	1	3	1	4	2	....	....	....	....	....	....	....	11
Total	35	35	36	46	30	....	....	....	....	....	....	....	182

TABLE No. 6.

SHOWING BIRTHS AND STILLBORNS.

	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.
Males, White	6	3	....	....	2	3	2	4	....	4	2	....	26
Males, Colored	....	1	....	....	....	2	....	1	....	1	....	....	5
Females, White	....	2	4	....	3	2	2	1	3	2	1	3	23
Females, Colored	....	2	1	....	....	1	....	....	....	2	3	2	11
Total	6	8	5	....	5	8	4	6	3	9	6	5	65

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TABLE No. 7.

TABLE SHOWING AGES OF PATIENTS ADMITTED.

	Males.	Females.	Total.
Under one year	49	31	80
From 1 to 10 years	102	75	177
From 10 to 20 years	543	185	728
From 20 to 30 years	2101	660	2761
From 30 to 40 years	2897	739	3636
From 40 to 50 years	1302	120	1422
From 50 to 60 years	890	260	1150
From 60 to 70 years	650	42	695
From 70 to 80 years	130	40	170
From 80 to 90 years	25	15	40
From 90 to 100 years	14	16	30
Unknown	256	50	151
Total	8959	2233	11192

TABLE No 8.

SHOWING NATIVITY OF PATIENTS ADMITTED.

	Male.	Female.	Total.		Male.	Female.	Total.
Austria	50	.....	50	Holland	15	.....	15
Africa	2	.....	2	Ireland	1201	141	1342
At Sea	3	1	4	India	2	.....	2
Australia	5	.....	5	Italy	25	7	32
Bavaria	2	.....	2	Mexico	5	.....	5
Belgium	15	.....	15	Norway	27	.....	27
Bohemia	20	10	30	Nova Scotia	4	.....	4
Canada	101	15	116	Russia	17	5	22
China	9	.....	9	Poland	20	.....	20
Cuba	16	.....	16	Prussia	45	6	51
Denmark	21	3	24	Switzerland	150	12	162
England	201	34	235	Sweden	75	10	85
France	52	7	59	Scotland	105	13	118
Finland	2	.....	2	Unknown	420	102	522
Germany	1801	160	1961	United States	4538	1707	6245
Greece	5	.....	5				
Hungary	5	.....	5	Total	8959	2233	11192

TABLE No. 9.

SHOWING OCCUPATION.

Agents	60	Gardeners	40	Porters	120
Artists	7	Gasfitters	15	Peddlers	75
Actors	10	Housework	1501	Printers	26
Blacksmiths	75	Hostlers	30	Physicians	10
Butchers	49	Harnessmakers	5	Plumbers	31
Bricklayers	51	Ironworkers	10	Plasterers	36
Bakers	67	Jewelers	2	Railroaders	25
Bootblacks	10	Journalists	12	Roofers	30
Brewers	6	Janitors	18	Shoemakers	81
Bellboys	15	Jockeys	10	Seamstresses	25
Bookkepers	30	Laborers	5494	Salesmen	34
Boilermakers	7	Laundresses	75	Saleswomen	43
Barbers	80	Locksmiths	8	Stonemason	25
Clerks	201	Lawyers	6	Schoolboys	40
Cooks	115	Linemen	10	Switchmen	20
Carpenters	250	Moulders	55	Saddlers	8
Coopers	23	Machinists	78	Soldiers	12
Coachmen	40	Motormen	14	Teamsters	250
Conductors	20	Merchants	25	Tailors	45
Clergymen	6	Miners	6	Teachers	6
Dairymen	2	Millers	7	Tinners	30
Dentists	7	Musicians	8	Tanners	7
Druggists	10	Nihil	850	Telegraphers	8
Electricians	14	Nurses	6	Upholsterers	15
Engineers	70	Newsboys	30	Unknown	302
Firemen	60	Painters	175	Watchmen	15
Farmers	30	Prostitutes	75		

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EMERGENCY HOSPITAL.

Showing eleven tables, as follows:

No. 1—Showing total number of patients admitted.
No. 2—Showing total number of patients discharged.
No. 3—Showing total number of deaths.
No. 4—Showing total number of patients transferred to Insane Asylum.
No. 5—Showing social condition of patients admitted.
No. 6—Showing number of Coroner's cases.
No. 7—Showing ages of patients admitted.
No. 8—Showing number of patients remaining April 1, 1904.
No. 9—Showing occupations of patients admitted.
No. 10—Showing nativity of patients admitted.
No. 11—Showing diseases of patients admitted.

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TABLE No. 1.

SHOWING TOTAL ADMITTED.

Male, white	1152	Female, colored	10
Male, colored	54		
Female, white	104	Total	1350

TABLE No. 2.

SHOWING TOTAL DISCHARGED.

Male, white	776	Female, colored	4
Male, colored	25		
Female, white	48	Total	853

TABLE No. 3.

SHOWING TOTAL OF DEATHS.

Male, white	167	Female, colored	0
Male, colored	24		
Female, white	0	Total	191

TABLE No. 4.

SHOWING TRANSFERS TO INSANE ASYLUM.

Male, white	88	Female, colored	3
Male, colored	11		
Female, white	52	Total	154

TABLE No. 5.

SHOWING SOCIAL CONDITION OF PATIENTS ADMITTED.

Single	898	Widowed	143
Married	309		
		Total	1350

TABLE No. 6.

SHOWING CORONER'S CASES.

Male, white	2	Female, white	0
Male, colored	0	Female, colored	0

TABLE No. 7.

SHOWING AGES OF PATIENTS ADMITTED.

From 10 to 20 years	73	From 60 to 70 years	169
From 20 to 30 years	222	From 70 to 80 years	64
From 30 to 40 years	260	From 80 to 90 years	19
From 40 to 50 years	285	From 90 to 100 years	0
From 50 to 60 years	258		

TABLE No. 8.

SHOWING NUMBER OF PATIENTS REMAINING APRIL 1, 1904.

Male, white	140	Female, colored	2
Male, colored	3		
Female, white	9	Total	154

TABLE No. 9.

SHOWING OCCUPATIONS OF PATIENTS ADMITTED.

Artists	1	Farmers	22	Porters	34
Bookkeepers	4	Foremen	2	Peddlers	10
Bartenders	8	Firemen	10	Plasterers	4
Butchers	12	Frescoers	3	Physicians	1
Blacksmiths	10	Gardeners	12	Police Officers	2
Brushmakers	2	Grocers	5	Plumbers	2
Barbers	9	Housework	37	Quarrymen	1
Brewers	5	Hostlers	15	Railroadmen	6
Bakers	16	Housewives	36	Reporters	2
Bricklayers	4	Harnessmakers	3	Stonemasons	5
Bootblacks	4	Hodcarriers	4	Stablemen	10
Boxmakers	6	Ironworkers	4	Shoemakers	13
Clerks	27	Janitors	2	Steamfitters	7
Cooks	26	Jockeys	2	Stonecutters	2
Carpenters	28	Laborers	666	Switchmen	2
Coremakers	5	Mechanics	15	Salesmen	11
Conductors	3	Millwrights	3	Teamsters	34
Coopers	10	Moulders	6	Typewriters	2
Cigarmakers	5	Miners	2	Tobacco workers	4
Cashiers	1	Merchants	4	Tailors	19
Drivers	28	Nurses	5	Tinners	11
Domestics	19	Nihil	13	Telegraph Operators	4
Draughtsmen	1	Paperhangers	2	Waiters	9
Expressmen	3	Painters	26	Whiteners	5
Engineers	11	Packers	14		

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TABLE No 10.

SHOWING NATIVITY OF PATIENTS ADMITTED.

Arkansas	8	Illinois	53	New York	53
Austria	20	Iowa	14	Ohio	41
Alabama	1	India	1	Prussia	8
Bavaria	1	Indiana	15	Poland	4
Bohemia	1	Italy	11	Pennsylvania	18
Boston	5	Kentucky	14	Russia	16
Connecticut	2	Kansas	5	St. Louis	69
China	1	Louisiana	10	Scotland	15
Colorado	2	Missouri	123	Switzerland	14
South Carolina	6	Massachusetts	9	Sweden	11
Canada	16	Mississippi	10	Texas	8
England	50	Maryland	4	Tennessee	20
France	8	Minnesota	1	Virginia	6
Florida	1	Michigan	6	West Indies	2
Germany	314	Maine	1	Wisconsin	12
Hungary	1	Mexico	3		
Ireland	332	Norway	3	Total	1350

TABLE No. 11.

SHOWING DISEASES OF PATIENTS ADMITTED.

PNEUMONIA.

Recovered	5	Remaining	0
Improved	5	Transferred to Poor House	1
Died	2		
		Total	13

HEAT PROSTRATION.

Recovered		Remaining	0
Improved			
Died	0	Total	

CHRONIC CONSTIPATION.

Recovered	0	Remaining	
Improved	2		
Died	0	Total	2

EMPYEMA.

Recovered	2	Remaining	2
Improved	3		
Died	0	Total	7

DISLOCATIONS OF CLAVICLE 2. OF HIP 1.

Recovered	2	Remaining	0
Improved	1		
Died		Total	3

CONTUSIONS.

Recovered	0	Remaining	0
Improved	7		
Died	0	Total	7

ABRASIONS.

Recovered	0	Remaining	
Improved	4		
Died	0	Total	4

LUMBAGO.

Recovered	0	Remaining	1
Improved	1		
Died	0	Total	2

PHTHISIS PULMONALIS.

Recovered	9	Remaining	37
Improved	62		
Died	135	Total	243

UREMIA.

Recovered	0	Remaining	0
Improved	0		
Died	4	Total	4

INSANITY.

Recovered	55	Remaining	13
Improved	100	Transferred to Insane Asylum	163
Died	4		
		Total	335

ALCOHOLISM.

Recovered	11	Remaining	
Improved	13		
Died	0	Total	24

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TABLE No. 11—Continued.

SHOWING DISEASES OF PATIENTS ADMITTED.

CONGENITIAL DEBILITY.

Recovered	0	Transferred to Poor House	1
Improved	1		
Died	0	Total	

HEMPHLIGIA.

Recovered		Remaining	1
Improved	4	Transferred to Poor House	2
Died	2		
		Total	10

ULCERS.

Recovered	10	Remaining	9
Improved	15	Transferred to Poor House	2
Died	1		
		Total	37

TORTICOLLIS.

Recovered	1
Improved	0
Total	1

INANITION.

Recovered	0
Remaining	1
Total	1

STRICTURE OF POSTERIOR URETHRA.

Recovered	2	Remaining	0
Improved	1	Transferred to Poor House	1
Died	0		
		Total	4

ENTERITIS.

Recovered	4	Remaining	1
Improved	2		
Died	2	Total	9

AORTIC STENOSIS.

Recovered	0	Remaining	0
Improved	2		
Died	0	Total	2

ABSCESS.

Recovered	6	Remaining	0
Improved	2		
Died	0	Total	8

MITRAL STENOSIS.

Recovered	0	Remaining	1
Improved	0		
Died	0	Total	1

GASTRITIS.

Recovered	2	Remaining	0
Improved	5		
Died	2	Total	9

RHEUMATISM.

Recovered	24	Remaining	17
Improved	80	Transferred to Poor House	4
Died	5		
		Total	130

ASTHMA.

Recovered	0	Remaining	2
Improved	8		
Died	4	Total	14

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TABLE No. 11—Continued.

SHOWING DISEASES OF PATIENTS ADMITTED.

LARYNGITIS.

Recovered	0	Remaining	0
Improved	0		
Died	1	Total	1

GUNSHOT WOUNDS OF THE KNEE.

Recovered	1	Remaining	1
Improved	0		
Died	1	Total	2

CARBUNCLE.

Recovered	1	Remaining	
Improved	1		
Died	0	Total	2

INFLUENZA.

Recovered	1	Remaining	0
Improved	2		
Died	0	Total	3

CELLULITIS.

Recovered	5	Remaining	1
Improved	4		
Died	0	Total	10

HEMORRHAGE OF THE LUNG.

Recovered	1	Remaining	0
Improved	0		
Died	1	Total	2

CEREBRAL HEMORRHAGE.

Recovered	0	Remaining	
Improved	1		
Died	1	Total	2

BURNS OF THE HAND.

Recovered	1	Remaining	0
Improved	0		
Died	0	Total	1

CARCINOMA.

Recovered	0	Remaining	1
Improved	5		
Died	7	Total	13

DYSENTERY.

Recovered	1	Remaining	0
Improved	5		
Died	2	Total	8

GONORRHEA.

Recovered	0	Remaining	0
Improved	1		
Died	0	Total	1

MITRAL INSUFFICIENCY AND REGURGITATION.

Recovered	3	Remaining	10
Improved	15		
Died	6	Total	34

AORTIC INSUFFICIENCY.

Recovered	0	Remaining	2
Improved	1		
Died	0	Total	3

SPRAINS OF ANKLES 6, OF HIP 1, OF WRIST 2.

Recovered	3	Remaining	0
Improved	4	Transferred to Poor House	2
Died	0		
		Total	9

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TABLE No. 11—Continued.

SHOWING DISEASES OF PATIENTS ADMITTED.

COCAINE AND MORPHINE HABIT.

Recovered	0	Remaining	0
Improved	2		
Died	0	Total	2

CIRRHOSIS OF LIVER.

Recovered	1	Remaining	0
Improved	4		
Died	4	Total	9

PLEURISY.

Recovered	5	Remaining	0
Improved	4		
Died	1	Total	10

CEREBRAL THROMBOSIS.

Recovered	1	Remaining	0
Improved	0		
Died	0	Total	1

MEASLES.

Recovered	1	Remaining	0
Improved	0		
Died	0	Total	1

TUBERCULAR JOINTS (ELBOWS).

Recovered	0	Remaining	0
Improved	1		
Died	0	Total	1

TABES DORSALES.

Recovered	0	Remaining	0
Improved	4	Transferred to Poor House	2
Died	0		
		Total	7

PARAPLEGIA.

Recovered	0	Remaining	0
Improved	1		
Died	0	Total	1

MYLETIS.

Recovered	0	Remaining	0
Improved	1		
Died	2	Total	3

GANGRENE OF RIGHT LEG 1, OF TOES OF LEFT LEG 1.

Recovered	0	Remaining	2
Improved	0		
Died	0	Total	2

SYPHILIS.

Recovered	0	Remaining	0
Improved	2		
Died	0	Total	2

EPILEPSY.

Recovered	0	Remaining	1
Improved	2		
Died	2	Total	5

MULTIPLE NEUROTIS.

Recovered	0	Remaining	2
Improved	0		
Died	0	Total	2

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TABLE No. 11—Continued.

SHOWING DISEASES OF PATIENTS ADMITTED.

FRACTURES OF FEMUR 10. OF TIBIA 39. OF CLAVICLE 5. OF JAW 1.

Recovered	30	Remaining	0
Improved	25		
Died	0	Total	55

GENERAL DEBILITY.

Recovered	0	Remaining	0
Improved	8		
Died	0	Total	8

INFECTIONS.

Recovered	8	Remaining	4
Improved	3		
Died	0	Total	15

NEPHRITIS.

Recovered	4	Remaining	6
Improved	24	Transferred to Poor House	1
Died	10		
		Total	45

LA GRIPPE.

Recovered	2	Remaining	0
Improved	1		
Died	0	Total	3

AMPUTATIONS. OF RIGHT LEG 4, OF LEFT LEG 1.

Recovered	2	Remaining	0
Improved	3		
Died	0	Total	5

ORCHITIS.

Recovered	0	Remaining	0
Improved	2		
Died	0	Total	2

PARALYSIS.

Recovered	1	Remaining	1
Improved	7		
Died	2	Total	11

MALARIA.

Recovered	12	Remaining	
Improved	8		
Died	2	Total	22

SENILITY.

Recovered	0	Remaining	2
Improved	20	Transferred to Poor House	2
Died	12		
		Total	39

BRONCHITIS.

Recovered		Remaining	6
Improved	19		
Died	5	Total	38

CHRONIC LARYNGITIS.

Recovered	0	Remaining	
Improved	0	Transferred to Poor House	1
Died	0		
		Total	1

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INSANE ASYLUM.

Showing sixteen tables, as follows:

No. 1.—Showing movement of population.

No. 2.—Showing forms of derangement of patients admitted during the year.

No. 3.—Showing forms of mental derangement of patients discharged unimproved.

No. 4.—Showing forms of mental derangement of patients discharged as improved and recovered.

No. 5.—Showing condition of patients discharged as recovered and improved.

No. 6.—Duration of mental derangement of patients, discharged and recovered and improved, previous to admission to asylum.

No. 7.—Showing duration of stay at the asylum of patients discharged as recovered and improved.

No. 8.—Showing ages of patients discharged as recovered and improved.

No. 9.—Showing occupation previous to admission of those admitted within the year.

No. 10.—Showing civil condition of those admitted within the year.

No. 11.—Showing ages of those admitted and of those remaining at the close of the year.

No. 12.—Showing the religions of those admitted within the year and those remaining at the close of the year.

No. 13.—Showing nativity of those admitted within the year and of those remaining at the close of the year.

No. 14.—Showing ages at time of death of those who died within the year.

No. 15.—Showing causes of deaths within the year.

No. 16.—Showing approximate age of 40 patients admitted during the year while suffering with dementia paralytica at the incipiency of the disease.

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TABLE No. 1.

MOVEMENT OF POPULATION.

	MEN.			WOMEN.			
	White	Col.	Total	White	Col.	Total	Total
Admitted during the year.....	231	23	254	159	20	179	433
Less readmissions during the year	27	.....	27	35	3	38	65
Number at beginning of year.	400	18	418	247	21	268	686
Whole number treated within the year	659	40	699	369	38	407	1106
Discharged, recovered	32	1	33	16	.....	16	49
Discharged, improved	56	10	66	49	8	55	121
Discharged, unimproved	27	1	28	26	5	31	59
Discharged, not insane.....	1	.....	1	.....	.....	.....	1
Discharged, eloped	.....	.....	.....	.....	.....	.....	.....
Discharged, died	64	7	71	37	1	38	109
Transferred to Insane Department of City Poor House....	39	4	43	31	6	37	80
Total discharges	218	21	239	148	18	166	405
Remaining March 31, 1904.....	404	26	430	234	30	268	698

TABLE No. 2.

FORMS OF DERANGEMENT OF PATIENTS ADMITTED DURING THE YEAR.

	Men.	Women.	Total.		Men.	Women.	Total.
Idiocy	4	2	6	Hypochondrical Insanity	1	...	1
Epilepsy	18	25	43	Cocainismus	1	1	2
Dementia Paralytica	32	8	40	Hallucinatory Delirium	1	...	1
Alcoholismus Acutus	30	4	34	Alcoholismus and Morphinismus	...	3	3
Dementia Senilis	17	13	30	Hysteria	...	1	1
Imbecility	14	4	18	Lues-Cerebralis	...	4	4
Melancholia Simplex	17	29	46	Folie Raisonante	...	2	2
Alcoholismus Chronicus	21	...	21	Stupore	7	1	8
Mania Simplex	20	22	42	Dementia following:	1	1	2
Dementia Pracox	17	31	48	(2) Epilepsy	5	1	6
Cerebrasthenia	1	...	1	(3) Drauma Capitis	1	1	2
Maniacal Exaltation	2	...	2	(4) Apoplexy	1	1	2
Paranoia	2	1	3	(5) Mania	...	2	2
Melancholia cum Stupore.....	2	7	9	(6) Melancholia Simplex	10	1	11
Alcoholismus and Cocainismus	1	...	1	(7) Melancholia	...	1	1
Periodic Insanity	1	4	5	(8) Unknown Psychosis	...	1	1
Alcoholismus and Nicotinismus	1	...	1	Not ascertained (too brief a stay)			
Morphinismus	2	1	3	Not insane	1	...	1
Delirium, Grave	4	1	5	Dementia	3	...	3
				Total	254	179	433

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TABLE No. 3.

FORMS OF MENTAL DERANGEMENT OF PATIENTS DISCHARGED UNIMPROVED.

	Men.	Women.	Total.		Men.	Women.	Total.
Mania Simplex	2	1	3	Imbecility and Epilepsy	....	2	2
Melancholia Simplex	3	7	10	Imbecility	1	2	3
Melancholia cum Stupor	2	7	10	Hysteria	....	2	2
Epilepsy	4	3	7	Not ascertained (too short a stay)	....	1	1
Alcoholismus Acutus	....	1	1	Dementia following	1	1	2
Alcoholismus Chronicus	4	....	4	(1) Mania	1	1	2
Dementia Paralytica	9	3	12	(2) Apoplexy	1	....	1
Dementia Praecox	1	1	2	Hallucinatory Delirium	....	2	2
Dementia Senilis	....	1	1				
Lues-Cerebralis	....	2	2				

TABLE No. 4.

FORMS OF MENTAL DERANGEMENT OF PATIENTS DISCHARGED AS IMPROVED AND RECOVERED.

	Improved.			Recovered.		
	Men.	Women	Total	Men.	Women	Total
Neurethenia Insanity	1	3	4	.....	.....	.....
Mania Simplex	5	17	22	3	4	7
Melancholia Simplex	4	9	13	4	4	8
Melancholia cum Stupore	2	1	3	.....	1	1
Stupore	.....	1	1	.....	.....	.....
Folie Raisonante	.....	2	2	.....	.....	.....
Cerebrarthenia	3	.....	3	.....	1	1
Unascertained	1	.....	1	.....	.....	.....
Periodic Insanity	3	1	4	1	1	2
Epilepsy	10	1	11	.....	.....	.....
Alcoholismus Acutus	15	1	16	15	1	16
Alcoholismus Chronicus	1	.....	7	5	.....	5
Imbecility	1	1	2	.....	.....	.....
Epilepsy Masked	1	.....	1	.....	.....	.....
Morphinismus	1	.....	1	.....	1	1
Lues-Cerebralis	.....	2	2	.....	.....	.....
Dementia Pracox	4	7	11	2	2	4
Dementia following:	1	.....	1	.....	.....	.....
Alcoholismus and Morphinismus	.....	1	1	.....	2	2
Melancholia	.....	1	1	.....	1	1
Alcoholismus Acutus and Theitoninmus	1	.....	1	.....	.....	.....
Maniacal Exaltation	2	.....	2	1	.....	1
Cocainismus	1	.....	1	.....	.....	.....
Hysteria	.....	2	2	.....	.....	.....
Delirium Grave	2	.....	2	.....	.....	.....
Dementia Paralytica	1	.....	1	.....	.....	.....
Alcoholismus and Epilepsy	.....	.....	.....	1	.....	1
Dementia Senilis	3	2	5	.....	.....	.....
Hallucinatory Delirium	1	.....	1	.....	.....	.....
Puerperal Mania	.....	1	1	.....	.....	.....

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TABLE No. 5.

CIVIL CONDITION OF PATIENTS DISCHARGED AS RECOVERED AND IMPROVED.

Recovered.						Improved.					
Single.		Married.		Widowed.		Single.		Married.		Widowed.	
Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
20	9	12	6	.....	2	32	28	31	22	4	4

TABLE No. 6.

DURATION OF MENTAL DERANGEMENT OF PATIENTS, DISCHARGED AND RECOVERED AND IMPROVED, PREVIOUS TO ADMISSION TO ASYLUM.

	Recovered.			Improved.		
	Men.	Women.	Total.	Men.	Women.	Total.
One month or less	6	.....	6	15	13	28
Two months	2	.....	2	1	.....	1
Three months	3	1	4	2	.....	2
Four months	.....	1	1	2	2	4
Five months	.....	1	1	.....	.....	.....
Six months	1	2	3	1	1	2
Seven months	1	.....	1	.....	.....	.....
Eight months	.....	2	2	2	.....	2
Nine months	.....	.....	.....	.....	.....	.....
Ten months	1	1	2	.....	.....	.....
Eleven months	.....	.....	.....	.....	.....	.....
One year	.....	1	1	3	2	5
Two years	3	.....	3	3	3	6
Three years	3	.....	3	4	2	6
Four years	.....	1	1	2	2	4
Five years	1	.....	1	.....	2	2
Six years	.....	2	2	3	2	5
Seven years	.....	.....	.....	.....	1	1
Eight years	.....	.....	.....	5	.....	5
Nine years	.....	.....	.....	.....	.....	.....
Ten years	1	.....	1	2	.....	2
Thirteen years	.....	1	1	.....	1	1
Fifteen years	.....	.....	.....	1	.....	1
Seventeen years	2	2	4	3	1	4
Not ascertained	9	2	11	25	15	40
Total	33	17	50	74	47	121

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TABLE No. 7.

DURATION OF STAY AT THE ASYLUM OF PATIENTS DISCHARGED AS RECOVERED AND IMPROVED.

	Recovered.			Improved.		
	Men.	Women.	Total.	Men.	Women.	Total.
One month or less	5	1	6	5	3	8
Two months	5	3	8	3	8	11
Three months	5	.....	5	13	3	16
Four months	3	.....	3	17	.....	17
Five months	1	.....	1	4	3	7
Six months	4	.....	4	5	3	8
Seven months	1	1	2	6	5	11
Eight months	.....	3	3	.....	.....	.....
Nine months	3	1	4	1	5	6
Ten months	1	1	2	5	2	7
Eleven months	.....	.....	.....	4	1	5
Twelve months	.....	.....	.....	2	1	3
One year and one month	1	.....	1	2	2	4
One year and two months	1	2	3	.....	2	2
One year and three months	.....	.....	.....	1	1	2
One year and four months	.....	.....	.....	1	.....	1
One year and five months	.....	.....	.....	1	.....	1
One year and seven months	1	.....	1	.....	2	2
One year and eight months	1	.....	1	1	1	2
Two years and three months	.....	.....	.....	.....	1	1
Two years and seven months	.....	2	2	2	1	3
Two years and eleven months	1	.....	1	.....	.....	.....
Three years and six months	.....	.....	.....	.....	2	2
Four years and six months	.....	1	1	1	1	2
Five years and eleven months	.....	1	1	.....	.....	.....
Total	33	16	49	74	47	121

TABLE No. 8.

AGES OF PATIENTS DISCHARGED AS RECOVERED AND IMPROVED.

	Recovered.			Improved.		
	Men.	Women.	Total.	Men.	Women.	Total.
From 10 to 16 years	1	.....	1	2	2	4
From 17 to 20 years	4	2	6	2	3	5
From 21 to 25 years	2	3	5	9	13	22
From 26 to 35 years	10	5	15	19	21	40
From 36 to 40 years	5	2	7	13	9	22
From 41 to 50 years	7	3	10	11	5	16
From 51 to 60 years	3	2	5	9	2	11
From 61 to 70 years	.....	.....	.....	.....	.....	.....
From 71 to 80 years	.....	.....	.....	.....	.....	.....
Not ascertained	.....	.....	.....	2	1	3

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TABLE No. 9.

OCCUPATION PREVIOUS TO ADMISSION OF THOSE ADMITTED WITHIN THE YEAR

	Men.	Women.	Total.		Men.	Women.	Total.
Bartender	1	....	1	Music	1	....	1
Blacksmith	2	....	2	Machinist	9	....	9
Bootblack	3	....	3	Milk	3	....	3
Bricklayer	1	....	1	Mail clerk	1	....	1
Barber	1	....	1	Merchant	2	....	2
Bookkeeper	2	....	2	None	20	24	44
Beer bottler	1	....	1	Nurse	....	2	2
Beggar	1	....	1	Operator in shoe factory	....	1	1
Brewer	3	....	3	Operator, telephone	....	1	1
Butcher	1	....	1	Operator, telegraph	....	1	1
Baker	6	....	6	Photo engraver	1	....	1
Capmaker	1	....	1	Preacher	1	....	1
Candymaker	1	....	1	Painter	8	....	8
Coalweigher	1	....	1	Printer	2	....	2
Cutter	1	....	1	Paper carrier	1	....	1
Cook	1	3	4	Polisher	2	....	2
Coachman	1	....	1	Porter	7	....	7
Carpenter	7	....	7	Pressman	1	....	1
Cigarmaker	1	....	1	Glassworker	....	1	1
Cabinetmaker	5	....	5	Riveter	1	....	1
Coalminer	1	....	1	Salesman	3	1	4
Contractor	2	....	2	Student	1	....	1
Clerk	13	....	13	Stenographer	....	2	2
Collector	3	....	3	Seamstress	....	8	8
Dishwasher	1	....	1	Sheet iron worker	1	....	1
Draughtsman	1	....	1	Stone cutter	3	....	3
Domestic	....	6	6	Shoemaker	8	....	8
Druggist	2	....	3	Steam forgers	1	....	1
Dressmaker	....	2	2	Sailor	1	....	1
Engineer	5	....	5	Soldier	1	....	1
Farmer	5	....	5	Stonemason	3	....	3
Foreman	1	....	1	Stampwork	....	4	4
Grocer	1	....	1	Servant	....	3	3
Hotelkeeper	1	....	1	Sporting women	....	1	1
Housewife	....	67	67	Tiemaker	1	....	1
Housework	....	41	41	Teamster	7	....	7
Housekeeper	....	2	2	Tinner	2	....	2
Ironworker	3	....	3	Tobacco worker	1	5	6
Janitor	3	....	3	Varnisher	1	....	1
Laborer	65	....	65	Waiter	1	1	2
Laundress	....	2	2	Tailor	1	....	1
Messenger boy	1	....	1	Watchman	1	....	1
Moulder	1	....	1	Wash woman	....	8	8
Midwife	....	2	2				

TABLE No. 10.

CIVIL CONDITION OF THOSE ADMITTED WITHIN THE YEAR.

	Men.	Women.	Total.
Single	137	71	208
Married	94	80	174
Widowed	19	24	43
Not ascertained	4	4	8
Total	254	179	433
Readmisisons	25	38	67

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TABLE No. 11.

AGES OF THOSE ADMITTED AND OF THOSE REMAINING AT THE CLOSE OF THE YEAR.

	Admitted.			Remaining		
	Men.	Women.	Total.	Men.	Women.	Total.
Between 10 and 20 years	5	2	7	8	4	12
Between 20 and 30 years	143	34	177	110	60	170
Between 30 and 40 years	32	38	70	109	73	182
Between 40 and 50 years	47	13	60	100	66	166
Between 50 and 60 years	14	80	94	58	35	93
Between 60 and 70 years	9	7	16	30	17	47
Between 70 and 80 years	2	2	4	9	9	18
Not ascertained	3	3	6	6	4	10
Total	255	179	434	430	268	698

TABLE No. 12.

RELIGIONS OF THOSE ADMITED WITHIN THE YEAR AND THOSE REMAINING AT THE CLOSE OF THE YEAR.

	Admitted.			Remaining.		
	Men.	Women.	Total.	Men.	Women.	Total.
Catholic	58	96	154	154	92	246
Lutheran	10	6	16	32	19	51
Baptist	1	5	6	4	15	19
Presbyterian	1	5	6	6	10	16
Methodist	6	6	12	20	13	33
Episcopalian	2	3	5	6	9	15
Protestant	119	15	134	50	40	90
Jewish	4	4	8	9	2	11
Christian	.....	3	3	6	5	11
Evangelical	.....	2	2	5	5	10
Congregationalist	9	10	19	3	.....	3
Christian Scientist	1	.....	1	1	.....	1
Free Thinkers	.....	.....	.....	2	.....	2
Latter Day Saints	1	.....	1	1	.....	1
Atheist	1	.....	1	1	.....	1
Spiritualist	.....	1	1	.....	1	1
Not professed	17	2	19	65	14	79
Not ascertained	24	21	45	61	35	96
Total	254	179	433	426	260	686

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TABLE No. 13.

NATIVITY OF THOSE ADMITTED WITHIN THE YEAR AND OF THOSE REMAINING AT THE CLOSE OF THE YEAR.

	Admitted.			Remaining.		
	Men.	Women.	Total.	Men.	Women.	Total.
Missouri	48	37	85	159	98	257
Illinois	5	6	11	22	18	40
Other States	33	26	59	77	54	131
Unknown Natives	15	19	34	12	15	27
Total Natives	101	88	189	270	185	455
Germany	75	16	91	87	32	119
England	12	5	17	11	5	16
Ireland	50	47	97	29	24	53
Sweden	2	1	3	4	1	5
Russia	1	1	2	2	.....	2
Canada	1	2	3	2	4	6
Scotland	1	1	2	2	2	4
Switzerland	2	3	5	4	4	8
Austria-Hungary	3	1	4	8	5	13
France	.....	12	12	1	4	5
Italy	1	.....	1	4	.....	4
Sicily	3	.....	3	1	.....	1
Syria	.....	1	1	1	.....	1
Denmark	1	.....	1	2	.....	2
Mexico	1	1	2	1	1	2
Norway	.....	.....	.....	.....	1	1
At Sea	.....	.....	.....	1	.....	1
Total	254	179	433	430	268	698

TABLE No. 14.

AGES AT TIME OF DEATH OF THOSE WHO DIED WITHIN THE YEAR.

	Men.	Women.	Total.
From 15 to 20 years	1	1	2
From 20 to 25 years	3	4	7
From 26 to 30 years	3	5	8
From 31 to 40 years	20	8	28
From 41 to 50 years	24	6	30
From 51 to 60 years	10	4	14
From 61 to 70 years	5	6	11
From 71 to 80 years	3	2	5
Over 80 years old	.....	1	1
Not ascertained	2	1	3
Total	71	38	109

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TABLE No. 15.

CAUSES OF DEATH OCCURRING WITHIN THE YEAR.

	Men.	Women.	Total.
Dementia Paralytica	34	9	43
Cerebral Edema	1	2	3
Cerebral Apoplexy	1	1	2
Edema Cencralis	.....	1	1
Senile Debility	4	7	11
Epilepsy	2	1	3
Phthisis Pulmonalis	14	5	19
Odema of Brain	3	.....	3
Encephalitis	5	.....	5
Nephritis (Senile Debilty)	1	.....	1
Typhoid Fever	1	.....	1
Erysipelas	1	.....	1
Enteritis and Encephalitis	1	.....	1
Mania Simplex	1	.....	1
Marasmus	1	2	3
Senile Dementia	1	.....	1
Lues-Cerebralis	.....	1	1
Nephritis (Phthisis Pulmonalis)	.....	1	1
Senility	.....	1	1
Aneurism	.....	1	1
Encephalitis (Valvular disease of heart)	.....	1	1
Carcinoma Hepatitis	.....	1	1
Melancholia cum Stupore	.....	1	1
Meningitis (with Odema)	.....	1	1
Carcinora Uteri	.....	1	1
Broncho Pneumonia Asthemia	.....	1	1
Total	71	38	109

TABLE No. 16.

APPROXIMATE AGE OF FORTY PATIENTS ADMITTED DURING THE YEAR WHILE SUFFERING WITH DEMENTIA PARALYTICA AT THE INCIPIENCY OF THE DISEASE.

	Men.	Women.	Total.
Between 20 and 25 years	.....	.....	.....
Between 25 and 30 years	3	1	4
Between 30 and 35 years	2	1	3
Between 35 and 40 years	7	3	10
Between 40 and 45 years	7	2	9
Between 45 and 50 years	8	.....	8
Between 50 and 55 years	2	1	3
Between 55 and 60 years	3	.....	3
Total	32	8	40

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FEMALE HOSPITAL.

Presenting nine tables, as follows:

No. 1.—Showing statement of diseases treated.

No. 2.—Showing number of patients admitted, discharged and deceased during the year.

No. 3.—Showing social condition of patients admitted.

No. 4.—Showing age of patients admitted.

No. 5.—Showing nativity of patients admitted.

No. 6.—Showing occupation of patients admitted.

No. 7.—Showing sundry statistics.

No. 8.—Showing leaves of absence.

No. 9.—Showing financial statement.

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TABLE No. 1.

CLASSIFIED TABULAR STATEMENT OF DISEASES TREATED, WITH RESULTS OBTAINED, DEATHS AND TRANSFERS DURING THE YEAR AND CASES REMAINING IN HOSPITAL APRIL 1, 1904.

Diagnosis—	Remaining April 1, 1903.	Recovered.	Improved.	Not Improved.	Transferred.	Died.	Remaining April 1, 1904.	Total Treated.
Abortion		5	6					11
Abortion, Threatened		1	1				1	3
Abrasion			1					1
Abscess, Arm			1					1
Abscess, Axilla		1						1
Abscess, Buccal		1						1
Abscess, Breast							1	1
Abscess, Head	1		1					1
Abscess, Hip	1		1					1
Abscess, Inguinal		1						1
Abscess, Ischio-rectal			1				1	2
Abscess, Labial		2	3	1				6
Abscess, Leg			2				1	3
Abscess, Neck			2					2
Abscess, Perineal			1					1
Abscess, Pharyngeal		1						1
Abscess, Scalp	1		1					1
Abscess, Tubercular							1	1
Abscess, Tubo-Ovarian						1		1
Abscess, Vulvo-Vaginal	2	2	7				1	10
Acne			1					1
Adenitis, Axillary			1					1
Adenitis, Cerrical		1	3	1			1	6
Adenitis, Inguinal			3	1				4
Adenoids		2	3	1				6
Alcoholism	2		4	1		1		6
Amenorrhea	1	1	2					3
Anemia		1	2				1	4
Ankylosis		1						1
Antiflexion Uterus		1	4				1	6
Aortic Insufficiency			2			1		3
Aortic and Mitral Regurgitation			1			2		3
Aortic Stenosis						1	1	2
Apoplexy, Cerebral						6		6
Appendicitis		1	2				1	4
Artero Sclerosis			4	3				7
Arthritis, Deformans	1		1	1			1	3
Arthritis, Tubercular				1				1
Arthritis, Rheumatoid		1						1
Ascarides Lumbricoides			1					1
Asphyxia						5		5
Asthma			1			2		3
Atheroma				1				1
Bronchitis	12	12	61	12		4	4	93
Broncho-Pneumonia		1	1			3		5
Bubo	2	2	6	1			2	11
Burns, Arm	1		1					2
Burns, Face			1					1
Burns, Hand							1	1
Burns, Scalp			1					1
Carcinoma, Breast		2	1	1		2	1	7
Carcinoma, Eye			1					1
Carcinoma, Intestines					1			1
Carcinoma, Liver						1		1
Carcinoma, Rectum						1		1
Carcinoma, Stomach				1				1
Carcinoma, Uterus	1	1	2	4		2	2	11
Carbuncle							1	1
Cataract, Eye			1					1
Catarrhal, Jaundice			1					1
Catarrhal, Disentery						1		1
Cellulitis, Foot	1		1					1
Cellulitis, Hand		1						1
Cellulitis, Pelvic			3	1				4
Cellulitis, Leg			1					1
Chancroids	2	12	38	7			4	61
Chorea			2				1	3

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Diagnosis—	Remaining April 1, 1903.	Recovered.	Improved.	Not Improved.	Transferred.	Died.	Remaining April 1, 1904.	Total Treated.
Clavus		1						1
Cirrhosis, Liver						1	1	2
Cirrhosis, Ovary			1					1
Cocainism		1	3			1		5
Condylomata		1	10	1			2	14
Conjunctivitis	2	2	3	1				6
Coroner's Case						1		1
Congenital Debility						1		1
Constipation		5	12	2				19
Coryza		12	3				1	16
Convulsions						1		1
Contusion, Back		1						1
Contusion, Face	1	3	2					6
Contusion, Head			1					1
Contusion, Hip			2				2	4
Contusion, Knee		1						1
Contusion, Leg	1		2					2
Contusion, Shoulder		1						1
Contusion, Wrist			1					1
Cyanosis						6		6
Cyst, Ovarian	1	6	1					7
Cystic-Calculi			1					1
Cystitis			6				4	10
Decubitus	1		1					1
Delerium Tremens			1					1
Dementia, Senile			1	1				2
Dentition	2	1	2					3
Dermatitio		1						1
Diabetes-Mellitis			1			1	1	3
Dilatation, Heart						2		2
Diarrhea		1	1					2
Diphtheria		1				1		2
Dislocation, Clarical			1					1
Dislocation, Shoulder	1	1						1
Dislocation, Wrist		1						1
Dysentery		1	1				1	3
Ectopic Pregnancy		1						1
Eczema	1		6	2			1	9
Emphysema			2					2
Enucleation, Eye		1						1
Enruesis			1	2				3
Entero-Colitis		1	1				1	3
Enteritis	2	2	6	1		2	1	12
Endometritis	5	24	42	11			6	83
Epilepsy	5		4	3	1		3	11
Epithelema, Face			1					1
Erysipelas			4			2		6
Erythema		1						1
Fibroids Uterus	2	2	4	1				7
Fistula in Ano		1	1	4				6
Fistula, Ventral				1				1
Floating Kidney			1	1				2
Fissure in Ano			1					1
Fracture, Clavicle		1	1					2
Fracture, Colles	1	2	2					4
Fracture, Femur	5	1	4	1			4	10
Fracture, Fibular	1	1						1
Fracture, Ribs			2				2	4
Fracture, Thumb		1						1
Fracture, Tibia		1	1				1	3
Fracture, Tibia and Fibula			1					1
Fracture, Maxilla		1						1
Frost Bite		1						1
Furuncle		1						1
Gall Stones			1					1
Gangrene, Legs	1		1					1
Gangrene, Lungs						1		1
Gastric Catarrh	1		2	1				3

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Diagnosis—	Remaining April 1, 1903.	Recovered.	Improved.	Not Improved.	Transferred.	Died.	Remaining April 1, 1904.	Total Treated.
Gastritis	1	4	24	3	.....	.....	8	39
Gastritis, Alcoholic	.....	1	1	.....	.....	.....	.....	2
Gastro-Enteritis	1	.....	1	.....	.....	2	3	6
General Debility	2	1	4	1	.....	.....	2	8
Goitre	.....	.....	1	1	.....	.....	1	3
Gonorrhea	6	5	68	7	.....	.....	4	94
Gumma Brain	.....	.....	.....	.....	.....	1	.....	1
Gunshot Wound	.....	.....	1	.....	.....	.....	.....	1
Hemorrhoids	2	1	6	3	.....	.....	.....	10
Hemorrhage, Cerebral	.....	1	1	.....	.....	1	.....	3
Hemorrhage, Uterine	.....	2	.....	.....	.....	.....	.....	2
Hemiplegia	3	1	4	5	.....	4	.....	14
Herpes Prosenitalis	.....	1	.....	.....	.....	.....	.....	1
Hernia, Inguinal	.....	.....	1	.....	.....	.....	.....	1
Hernia, Umbilical	.....	.....	.....	1	.....	.....	.....	1
Hernia, Ventral	2	2	2	.....	.....	.....	.....	4
Hysteria	.....	.....	7	.....	.....	.....	.....	7
Icterus Neonatorum	.....	.....	1	.....	.....	.....	.....	1
Imbecility	1	.....	.....	1	.....	.....	.....	1
Impetigo Contagiosa	.....	3	1	.....	.....	.....	.....	4
Inanition	.....	.....	.....	.....	.....	1	.....	1
Incision Hand	1	1	.....	.....	.....	.....	.....	1
Indigestion	.....	1	.....	.....	.....	.....	.....	1
Infection, Hand	.....	1	.....	.....	.....	.....	.....	1
Influenza	.....	5	5	.....	.....	.....	2	12
Insanity	.....	.....	1	.....	15	.....	.....	16
Intertrigo	.....	1	.....	.....	.....	.....	.....	1
Intestinal Obstruction	.....	1	.....	.....	.....	1	.....	2
Iritis	.....	1	.....	.....	.....	.....	.....	1
Keratitis	.....	.....	2	1	.....	.....	.....	3
Laceration Cervix and Perineum	2	6	3	2	.....	.....	1	12
Leucorrhea	.....	1	.....	.....	.....	.....	.....	1
Leukemia	.....	.....	1	.....	.....	.....	.....	1
Lichenplanus	.....	.....	1	.....	.....	.....	.....	1
Lichentropicus	.....	2	.....	.....	.....	.....	.....	2
Lipoma Shoulder	.....	1	.....	.....	.....	.....	.....	1
Lumbago	1	.....	1	.....	.....	.....	.....	1
Lupus Erythematosa	.....	.....	1	.....	.....	.....	.....	1
Macerated Foetus	.....	.....	.....	.....	.....	1	.....	1
Malaria	.....	8	15	1	.....	.....	.....	24
Marasmus	.....	.....	1	.....	.....	3	.....	4
Mastitis	.....	4	2	.....	.....	.....	.....	6
Measles	.....	13	3	.....	.....	.....	.....	16
Melena Neonatorum	.....	.....	.....	.....	.....	1	.....	1
Meningitis, Cerebral	.....	.....	.....	.....	.....	2	.....	2
Meningitis, Serous	.....	.....	.....	.....	.....	1	.....	1
Menorrhagia	.....	1	.....	.....	.....	.....	.....	1
Meningocele	.....	.....	.....	.....	.....	2	.....	2
Melancholia	.....	.....	1	.....	.....	.....	1	2
Metritis	.....	.....	2	.....	.....	.....	.....	2
Metrorrhagia	1	1	3	.....	.....	.....	.....	4
Miliary Tuberculosis	.....	.....	.....	.....	.....	2	.....	2
Miscarriage	1	3	.....	.....	.....	.....	.....	3
Mitral, Regurgitation	2	.....	17	2	.....	1	.....	20
Mitral, Insufficiency	.....	.....	6	.....	.....	3	.....	9
Morphinism	1	1	6	4	.....	2	2	15
Myalgia	1	.....	1	.....	.....	.....	.....	1
Myocarditis	.....	.....	1	.....	.....	.....	.....	1
Myopia	.....	.....	1	.....	.....	.....	.....	1
Necrosis of Inferior Maxilla	.....	.....	1	.....	.....	.....	.....	1
Nephritis	8	.....	24	3	.....	11	5	43
Nervous Debility	1	.....	1	.....	.....	.....	.....	1
Neuraligia Intercostal	.....	3	.....	.....	.....	.....	.....	3
Neuraligia Trifacial	.....	.....	3	1	.....	.....	1	5
Neurasthenia	1	.....	7	7	.....	1	2	17
Necrosis of Tibia	.....	1	.....	.....	.....	.....	.....	1
Otitis Media	.....	.....	6	2	.....	.....	.....	8
Oedema Lungs	.....	.....	.....	.....	.....	1	.....	1

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Diagnosis—	Remaining April 1, 1903.	Recovered.	Improved.	Not Improved.	Transferred.	Died.	Remaining April 1, 1904.	Total Treated.
Oophoritis		1		1				2
Ophthalmia Neonatorum			1					1
Onychia			2					2
Paraplegia							1	1
Paresis	1		2	1				3
Parotitis		1						1
Periotitis			1	1				2
Peritonitis			1			2		3
Peritonitis, Pelvic		2	1					3
Pertussis		6	1			1		8
Pharyngitis		3	1				2	6
Phimosis		3	1					4
Phthisis Pulmonalis	8		25	27		49	13	113
Pleurisy		3	6					9
Pneumonia		2				3	1	6
Poisoning, Arsenical			4					4
Poisoning, Plumbism			1					1
Poisoning, Rhus Toxicondendron			1					1
Potts Disease	3			1			2	3
Potts Fracture	1	1						1
Pregnacy, Delivered	400				Not	del'd	65	550
Premature Birth						2		2
Prolapse Uterus		2	5	2			1	10
Purpura Hemorrhagia						1		1
Pyemia			1			1		2
Pyo-Salpinx	4	7	10	5			5	27
Remittent Fever			1					1
Retroflexion, Uterus		3	9	1				13
Retroversion, Uterus		2	4	1			1	8
Rheumatism	11	1	14				16	31
Rheumatism, Acute			10				1	11
Rheumatism, Chronic			33				1	34
Rhinitis				1				1
Rickets	1		4	2				6
Rupture, Uterus						1		1
Salpingitis	6	5	5	2			1	13
Sarcoma, Breast	1		1					1
Sarcoma, Ebcephatoid						1		1
Senile Debility	2	1					1	2
Senility	8		13	7		18	8	46
Scabies		1					1	2
Scarlatina	1	1						1
Sciatica			1					1
Scoliosis			1					1
Sprain, Ankle	1	2	1				1	4
Sprain, Back			3				1	4
Sprain, Wrist			3				1	4
Stomatitis			1					1
Stricture, Rectum	1	1	4					5
Synovitis, Hand	1	1						1
Synovitis, Knee	2		1	1				2
Syphilis	16	3	138	29		4	34	208
Syphilis, Congenital			3	3		3		9
Surgical Shock						4		4
Tabes Dorsalis			2	1		1		4
Tonsilitis		4	4	2			1	11
Trachoma			1					1
Tubercular Arthritis (knee)	1	1	1					2
Tumor, Brain						1		1
Tumor, Cerebral						1		1
Tumor, Side	1		1					1
Tumor, Uterine		1		1				2
Typhoid Fever			2	1				3
Ulcer, Corneal			1					1
Ulcer, Leg	9	1	11	1			6	19
Ulcer, Phagedenic	1		1					1
Ulcer, Shoulder							1	1

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Diagnosis—	Remaining April 1, 1903.	Recovered.	Improved.	Not Improved.	Transferred.	Died	Remaining April 1, 1904.	Total Treated.
Ulcer, Tubercular			1					1
Uremia			1			1		2
Urethritis	1		1					1
Vaccinia			2					2
Vaginitis	1	1	6					7
Varicella	1	2						3
Varicose Ulcer		1	7	1			2	11
Varicose Veins			2					2
Valvular Heart Disease						4		4
Venereal Warts		1	1					2
Vulvitis			1					1
Wound, Face	1	1	1					2
Wound, Foot			2				1	3
Wound, Leg		2	1					3
Wound, Scalp		1	5	1				7
Nihil, discharged	6	38					1	39

TABLE No. 2.

TABLES SHOWING THE NUMBER OF PATIENTS ADMITTED, DISCHARGED, DECEASED, DURING THE YEAR.

No. Remaining April 1, 1903.		No. Remaining April 1, 1904.	
Males, white	7	Males, white	4
Males, colored	3	Males, colored	4
Females, white	186	Females, white	185
Females, colored	50	Females, colored	66
Total	246	Total	259

TOTAL ADMITTED.

	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb	Mar.	Total.
Males, white	7	4	15	6	10	6	6	6	10	4	5	12	91
Males, colored	3	2	0	2	0	1	2	1	2	3	1	4	21
Females, white	95	121	138	153	137	120	133	139	134	124	146	121	1561
Females, colored	28	39	43	48	52	40	35	36	32	43	36	47	479
Total	133	166	196	209	199	167	176	182	178	174	188	184	2152

TOTAL DISCHARGES.

Males, white	8	2	8	8	9	7	6	6	8	4	1	8	75
Males, colored	1	1	0	1	0	2	1	2	2	1	2	2	15
Females, white	112	121	113	129	132	102	131	140	119	105	116	137	1457
Females, colored	27	27	52	30	51	30	30	22	34	31	34	30	398
Total	148	151	173	168	192	141	168	170	163	141	153	177	1945

TOTAL DEATHS.

Males, white	3	2	2	1	2	0	0	1	2	1	3	2	19
Males, colored	0	2	0	0	0	0	1	0	0	1	0	1	5
Females, white	11	8	7	7	9	10	7	6	9	10	10	8	102
Females, colored	2	10	4	11	8	10	4	3	3	2	4	6	67
Total	16	22	13	19	19	20	12	10	14	14	17	17	193

BIRTHS (INCLUDING STILL-BORN).

Males, white	9	16	8	14	13	11	15	17	9	14	12	16	154
Males, colored	5	5	5	3	4	3	4	3	7	4	2	5	50
Females, white	15	7	13	14	12	12	10	7	15	18	9	17	149
Females, colored	3	6	5	3	1	4	4	4	6	4	5	2	47
Total	32	34	31	34	30	30	33	31	37	40	28	40	400
Still born	3	1	0	0	0	2	1	2	3	0	1	3	16
Living children	29	33	31	34	30	28	32	29	34	40	27	37	384
Cases of twins	1	2	0	0	0	0	1	0	0	0	1	2	7

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TABLE No. 3.

SOCIAL CONDITION OF PATIENTS ADMITTED.

	Male.	Female	Total.	Unknown.	Male.	Female	Total.
Single	111	1002	1113	0	0	0	0
Married	.....	.....	719	0	0	0	0
Widowed	.....	.....	320	0	0	0	0
Total	.....	.....	.....	.....	.....	.....	2152

TABLE No. 4.

SHOWING AGE OF PATIENTS ADMITTED.

	White.	Colored.	Total.
Under 1 year	60	21	81
From 1 to 5 years	99	12	111
From 5 to 10 years	35	23	58
From 10 to 20 years	422	189	611
From 20 to 30 years	557	154	711
From 30 to 40 years	198	44	242
From 40 to 50 years	143	20	163
From 50 to 60 years	72	20	92
From 60 to 70 years	40	3	43
From 70 to 80 years	22	10	32
From 80 to 90 years	4	3	7
From 90 to 100 years	0	1	1
Total	1652	500	2152

TABLE No. 5.

SHOWING NATIVITY OF PATIENTS ADMITTED.

Atlantic Ocean	1	Ireland	153	Sweden	2
Arabia	2	Hungary	3	Switzerland	14
Austria	2	Mexico	1	Syria	1
Bohemia	4	Poland	4	United States	1394
Canada	52	Italy	3		
England	51	Russia	9	Total	2152
France	4	Scotland	5		
Germany	103	St. Louis	391		

TABLE No. 6.

SHOWING OCCUPATION OF PATIENTS ADMITTED.

Bookkeeper	2	Prostitutes	168
Clerk	9	Saleswomen	17
Cook	40	School Girls	3
Factory Girls	35	Seamstresses	33
Housekeepers	27	Servants	356
Housewives	223	School Teachers	12
Housework	697	Scrubwomen	9
Laundresses	42	Stenographer	3
Milliners	7	Tailoress	5
Nihil	367	Waitresses	32
Nurses	14	Washer, Dish	15
Peddlers	1	Washerwomen	28
Pantry Girls	3	Typesetter	2
Pressfeeder	2		
		Total	2152

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TABLE No. 7.

Daily average number of employes	56.83
Daily average number of patients	232.56
Daily per capita expense of patients	.56
Daily per capita expense of patients and employes	.45
Daily average expense per capita for sustenance patients and employes	.15

TABLE No. 8.

SHOWING LEAVES OF ABSENCE GRANTED DURING THE YEAR ENDING MARCH 31, 1904.

O. H. Elbrecht, M. D., Superintendent, Sept. 3-22, inc.
J. S. Herrington, M. D., Asst. Superintendent, Dec. 24-30, inc.
F. H. Schowengerdt, M. D., Asst. Physician, May 7-10, inc.
P. T. Knapp, M. D., Asst. Physician, May 25-June 4, inc.
R. E. Keaney, M. D., Asst. Physician, July 23-Aug. 6, inc.
J. B. Chiles, M. D., Asst. Physician, Sept. 17-Oct. 1, inc.
I. I. Hall, Asst. Physician, Oct. 22-Nov. 5, inc.
Bertha Keim, Matron, Aug. 5-25, inc.
Theo. Runge, Druggist, Sept. 8-10, inc.
Theo. Runge, Druggist, Sept. 16-25, inc
Harry Watkins, Storekeeper, Aug. 26-Sept. 4, inc.
Fred Wendt, Gardener, Oct. 5-14, inc.
Henry Nonte, Asst. Gardener, Aug. 18-27, inc.
Joseph Reiff, Chief Cook, Jan. 18-27, inc.
John Gattlinger, Asst. Cook, April 8-17, inc.
Kate Richter, Asst. Cook, Sept 12-21, inc.
Kate Connors, House Keeper, Dec. 23-Jan. 2, inc.
Julia Franey, House Keeper, Aug. 27-Sept. 5, inc.
Francis Denoyer, Asst. Laundress, July 6-15, inc.
Dora Kameyer, Asst. Laundress, Sept. 7-16, inc.
Mary Waters, Night Nurse, May 16-25, inc.
Josephine Lawrence, Night Nurse, June 1-10, inc.
Gertrude Spaulding, Night Nurse, July 4-13, inc.
Katie McDermott, Day Nurse, April 10-19, inc.
Annie Maurer, Day Nurse, May 8-17, inc.
Mabel Cooper, Day Nurse, Aug. 5-14, incl.
Martha Russel, Day Nurse, Sept. 11-20, inc.
Minnie Lawrenson, Seamstress, Oct. 5-14, inc.
Nellie Moran, Asst. Nurse, April 15-24, inc.
Nellie Moran, Asst. Nurse, April 28-May 7, inc.
Viola Dorschel, Asst. Nurse, Dec. 22-31, inc
Kate Wooten, Asst. Nurse, Oct. 4-13, inc.
Bernice Coleman, Asst. Nurse, April 11-19, inc.
Lulu Kamer, Asst. Nurse, May 23-June 1, inc.
Katie Walsh, Asst. Nurse, June 1-10, inc.
Mary Stannard, Asst. Nurse, June 11-20, inc.
Dora Lawrenson, Asst. Nurse, Aug. 2-12, inc.
Harriet Charlton, Asst. Nurse, Aug 9-16, inc.
Grace De Vine, Asst. Nurse, Jan. 3-12, inc.
Lizzie Coleman, Day Nurse, April 11-19, inc.
Lizzie Coleman, Day Nurse, Aug. 25-Sept. 3, inc.

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TABLE No. 9.

SHOWING BALANCE SHEET, 1903-1904. THE FEMALE HOSPITAL WITH CITY OF ST. LOUIS.

Cr. by Appropriation by Ordinance No. 21171, Sec. 1	$55.964 15	
Cr. by Appropriation by Ordinance No. 21171, Sec. 2	1.212 80	
Cr. by Appropriation by Ordinance No. 21171, Sec. 3	4.765 00	
Cr. by Appropriation by Ordinance No. 21411	1.700 00	
	$63.641 95	
Less amount of unpaid bills last fiscal year	44 15	$63.597 80
Salaries of Superintendent and employes	$21.895 86	
EXPENSES—		
Bread	$1.776 35	
Meat and Fish	5.902 28	
Groceries	7.224 93	
Chickens	159 22	
Vegetables	1,115 62	
Milk	3.259 55	
Fuel	5.849 16	
Gas	183 10	
Ice	851 96	
Drugs, Instruments and Supplies	3.671 10	
Dry Goods, Clothing and Bedding (including straw)	1.853 27	
House Furnishing Goods and Furniture	2.138 68	
Forage and Bedding for hosses	386 68	
Repairing Vehicles and Harness, Shoeing Horses	66 80	
Printing and Stationery (including postage)	399 11	
Oils, Packing, Waste and Tools used by the Engineer	220 88	
Lumber and Materials for Coffins	196 36	
Car Tickets	60 00	
Rent of Telephone	5 00	
Labor and Materials for repairing Buildings (including Boilers, Machinery and Steam Heating Apparatus) requiring prompt attention, B. P. I.	228 03	
General Repairs	845 50	
Ordinance No. 21171, Sec. 3, Special Appropriation	2.237 21	
Ordinance No. 21171, Sec. 2, Special Appropriation	157 40	
Iso. Building, Gen. Appro Ord. No. 21171, Sec. 3	1.055 40	
Corrections made by Auditor	5 00	
	$61.744 45	
Balance of Appropriation	1.853 35	$63.597 80

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POOR HOUSE.

Showing twenty-four tables, as follows:

Table No. 1.—Showing receipts and expenditures.
Table No. 2.—Showing net expenditures.
Table No. 3.—Showing cost of maintenance per capita.
Table No. 4.—Showing cost of maintenance after deducting credits
Table No. 5.—Showing receipts and expenditures of bakery.
Table No. 6.—Showing movement of pauper population.
Table No. 7.—Showing nativity of paupers admitted.
Table No. 8.—Showing nativity of paupers discharged.
Table No. 9.—Showing nativity of paupers who died during the year.
Table No. 10.—Showing number of paupers from St. Louis County at end of year.
Table No. 11.—Showing the causes of deaths among paupers.
Table No. 12.—Showing movement of insane population.
Table No. 13.—Showing nativity of insane patients.
Table No. 14.—Showing nativity of insane patients who died during the year.
Table No. 15.—Showing age of insane patients who died during the year.
Table No. 16.—Showing cause of death of insane patients during the year.
Table No. 17.—Showing number of St. Louis County patients (insane) at end of year.
Table No. 18.—Showing number of insane pay patients during the year (private).
Table No. 19.—Showing nativity, etc., of inmates buried in potters' field.
Table No. 20.—Showing interments made in potters' field.
Table No. 21.—Showing articles of clothing made in sewing room during the year.
Table No. 22.—Showing articles of clothing repaired in sewing room.
Table No. 23.—Showing articles of private clothing made in sewing room.
Table No. 24.—Showing indebtedness of St. Louis County for board and medical attendance of county patients.

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TABLE No. 1.

Fiscal Year 1903-1904.

RECEIPTS AND EXPENDITURES.

Appropriations	$147,212 50	
Less amount unpaid bills last fiscal year	122 50	$147,090 00
Salaries Superintendent and employes	36,806 24	
Bread	11,662 51	
Meat and Fish	21,147 22	
Groceries and Provisions	25,077 91	
Milk	5,846 56	
Fuel	14,196 70	
Ice	1,581 33	
Fruits and Vegetables	215 45	
Drugs, Instruments and Supplies	1,408 98	
Dry Goods, Clothing and Bedding	6,814 69	
Furniture and Repairs	969 21	
Slippers, Shoes, Brogans, etc	1,057 85	
Sole Leather and Findings	303 15	
Hardware, Glassware, Tinware and Kitchen Utensils	1,156 94	
Soap, Soda, Starch, Lye, etc	1,674 57	
Brooms, Brushes, Dusters, Matches, etc	785 43	
Disinfectants and Exterminators	171 64	
Fuel, Flags and Water Cooler	114 24	
Filter Rent	220 00	
Repairing Range and Copper Kettles	536 34	
Repairing Vehicles and Shoeing Horses	186 11	
Printing and Stationery (including stamps)	560 57	
Oils, Packing, Tools and Waste used by Engineer	509 26	
Lumber and Material used for Coffins	170 30	
Car Tickets and Carriage Hire for Civic Parade	110 00	
Rent of Telephone and New House Phones	198 00	
Seeds, Plants and Gardener Supplies	229 41	
City Directory	6 00	
Sand, Gravel, Lime and Cement	45 07	
Typewriter and Supplies	55 60	
Inspection of Scales	12 00	
Lumber, Boards and Wire for Fences	150 51	
Repairing Artificial Limb	10 00	
Traveling Expenses attending Charity Conventions	26 00	
Iron Grating on Windows	78 75	
Oil, Paint, White Lead, Turpentine, Glass, etc	325 98	
Hardware and Roofing Material	246 68	
Plumbing and Steam Heating Repairs	628 39	
Lumber	293 26	
Carpentry and Electrical Repairs	92 55	
Cement and Sand	111 82	
Machinery, Boiler and Steam Heating Repairs	1,080 67	
Lowering and Reconstructing Pipe in Conduit	79 60	
Repairing Boilers, Steam Pipes and Walls	523 75	
Repairing Slate Roof	1,406 00	
New Pipe System in Boiler Room	3,296 60	$142,179 84
Balance		4,910 16
		$147,090 00

TABLE No. 2.

SHOWING NET EXPENDITURES AFTER DEDUCTING THE FOLLOWING AMOUNTS TURNED OVER TO THE CITY.

Total expenses for the year		$142,179 84

Credits.

Profit of Bakery	$2,740 59	
Board bill Private Patients	2,244 00	
Board bill County Patients	2,067 91	7,052 50
		$135,127 34

TABLE No. 3.

SHOWING COST OF MAINTENANCE PER CAPITA. N. B.*

For one year	$97.92
For one month	8.16
For one week	1.88 4-13
For one day	.26¾

*In explanation of the apparent increase per capita will state that the average number of patients appearing on the previous Annual Report (April 1, 1903) was fictitious. In that report it gave a daily average of 1,612 inmates. This was 168 more than were really present. The average daily number of inmates on the present report (1,452) is correct, and in my opinion the report of 1903 should have been at least within 25 of this number.

Yours respectfully,

JOHN S. DIERKES,
Chief Clerk.

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TABLE No. 4.

SHOWING COST OF MAINTENANCE PER CAPITA AFTER DEDUCTING CREDITS.

For one year	$93.06
For one month	7.755
For one week	1.79
For one day	.2542

TABLE No. 5.

POOR HOUSE BAKERY DEBITS.

Salaries Baker and Assistants	$ 2.696 11	
Forage	1.157 23	
Fuel	1.008 85	
Horse Shoeing	108 13	
Harness and Vehicle Repairs	10 45	
Flour and Corn Meal	17.943 75	
Potatoes	1.573 80	
Yeast	300 31	
Lard, Sugar, Salt and Soda	677 37	
Hardware	23 25	
New Wagon	205 00	
Patent Bakers' Oven and Bread Pan	50 50	
Lumber	14 50	
Tobacco	23 60	
Rent of Filter	44 00	$25.835 85

CREDITS.

By Bread sold:—		
St. Louis Poor House, 583.126 lbs. at 2c	$11.662 52	
St. Louis Insane Asylum, 296.466 lbs. at 2½c	7.411 65	
St. Louis Female Hospital, 71.072 lbs. at 2½c	1.776 80	
St. Louis City Hospital, 120.892 lbs. at 2½c	3.022 30	
St. Louis City Jail, 124.146 lbs. at 2½c	3.103 65	
St. Louis Emergency Hospital, 30.205 lbs. at 2½c	755 12	
Empty Flour Barrels sold, 4,222 at 20c	844 40	
Total Credit		$28.576 44
Cost of operating Bakery		25.835 85
Net profit		$2.740 59

TABLE No. 6.

SHOWING THE NUMBER OF PAUPERS ADMITTED, DISCHARGED, TRANSFERRED TO INSANE ASYLUM AND DIED DURING THE YEAR.

	Males.	Females.	Total.
Paupers present April 1, 1903	383	187	570
Admitted during year	274	97	371
Total	657	284	941
Discharged during year	229	66	295
Died during year	60	30	90
Total	289	96	385
Remaining March 31, 1904	368	188	556
Daily average number present	396	187	563

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TABLE No. 7.

SHOWING THE NATIVITY OF PAUPERS ADMITTED DURING THE YEAR.

	White.		Colored.		
	Males.	Females.	Males.	Females.	Total.
Austria	2	1	0	0	3
Bohemia	0	1	0	0	1
Canada	5	2	0	0	7
Denmark	2	0	0	0	2
England	11	2	0	0	13
France	3	1	0	0	4
Germany	66	16	0	0	82
Holland	2	0	0	0	2
Ireland	86	37	0	0	123
Prussia	3	0	0	0	3
Russia	0	1	0	0	1
Switzerland	6	1	0	0	7
Scotland	2	0	0	0	2
Sweden	1	0	0	0	1
United States	72	29	13	5	119
Unknown	0	1	0	0	1
Total	261	92	13	5	371

TABLE No. 8.

SHOWING THE NATIVITY OF PAUPERS DISCHARGED DURING THE YEAR.

	Males.	Females.	Total.
Alsace Lorraine	2	0	2
Australia	3	1	4
Austria-Hungary	1	0	1
Canada	5	0	5
England	5	1	6
France	2	0	2
Germany	58	7	65
Holland	2	0	2
Italy	1	0	1
Ireland	70	29	99
Prussia	3	0	3
Scotland	1	0	1
Switzerland	4	0	4
United States	71	26	97
Unknown	1	2	3
Total	229	66	295

TABLE No. 9.

SHOWING THE NATIVITY OF PAUPERS WHO DIED DURING THE YEAR.

	Males.	Females.	Total.
Austria	1	0	1
Bohemia	0	1	1
France	2	1	3
Germany	18	6	24
Hungary	1	0	1
Ireland	19	11	30
Nova Scotia	0	1	1
United States	17	10	27
Unknown	2	0	2
Total	30	30	60

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TABLE No. 10

SHOWING THE NUMBER OF PAUPERS FROM ST. LOUIS COUNTY AT THE END OF THE YEAR.

Males	14
Females	4
Total	18

TABLE No 11.

SHOWING THE CAUSE OF DEATH AMONG PAUPERS DURING THE YEAR.

	Males.	Females.	Total.
Aortic Stenosis	0	2	2
Aortic Regurgitation	0	1	1
Acute Dilatation of Heart	1	0	1
Athenia	1	0	1
Asthma	2	0	2
Bronchitis	0	2	2
Cirrhosis of Liver	1	1	1
Cystitis	1	0	1
Cardiac Dropsy	2	0	2
Delirium Tremens	1	0	1
Dysentery	1	1	2
Dropsy	1	0	1
Enterio Consumption	0	1	1
Endocarditis	0	1	1
Enteritis	1	0	1
Heart Disease	1	1	2
Lues Vineria	1	0	1
Mitral Regurgitation	1	0	1
Malaria	1	0	1
Nephritis	8	5	13
Paraplegia	1	0	1
Pulmonary Consumption	2	0	2
Paralysis	2	2	4
Pneumonia	5	1	6
Phthisis Pulmonalis	3	3	6
Rheumatic Endocarditis	1	0	1
Rheumatism	4	1	5
Senile Debility	8	8	16
Syphilis	1	0	1
Spinal Atrophy	1	0	1
Tuberculosis	4	0	4
Uraemia	3	0	3
Valvular Disease of Heart	2	0	2
Total	60	30	90

TABLE No. 12.

RELATING TO THE INSANE DEPARTMENT OF THE POOR HOUSE.

	Males.	Females.	Total.
Remaining April 1, 1903	342	550	892
Admitted during year	42	35	77
Total	384	585	969
Discharged during year	0	0	0
Died during year	41	41	82
Total remaining March 31, 1904	343	544	887
Daily average number present	342	547	889

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TABLE No. 13.

SHOWING THE NATIVITY OF INSANE ADMITTED DURING THE YEAR.

	White.		Colored.		
	Males.	Females.	Males.	Females.	Total.
Austria	1	0	0	0	1
Bohemia	0	0	0	0	0
Canada	1	0	0	0	1
England	0	1	0	0	1
Germany	11	3	0	0	14
Ireland	1	4	0	0	5
Scotland	0	1	0	0	1
United States	22	21	4	4	51
Unknown	2	0	0	1	3
Total	38	30	4	5	77

TABLE No. 14.

SHOWING NATIVITY OF INSANE PATIENTS WHO DIED DURING THE YEAR.

	Males.	Females.	Total.
Bohemia	0	1	1
Denmark	1	0	1
England	0	2	2
France	0	1	1
Germany	11	3	14
Ireland	7	8	15
Scotland	1	1	2
Switzerland	0	1	1
Sweden	1	1	1
United States	18	22	40
Unknown	2	1	3
Total	41	41	82

TABLE No. 15.

SHOWING THE AGE OF INSANE PATIENTS WHO DIED DURING THE YEAR.

	Males.	Females.	Total.
Between 10 and 15 years	1	0	1
Between 15 and 20 years	1	1	2
Between 20 and 25 years	2	0	2
Between 25 and 30 years	4	0	4
Between 30 and 35 years	5	3	8
Between 35 and 40 years	1	3	4
Between 40 and 45 years	4	4	8
Between 45 and 50 years	3	6	9
Between 50 and 55 years	5	3	8
Between 55 and 60 years	4	2	6
Between 60 and 65 years	1	5	6
Between 65 and 70 years	5	2	7
Between 70 and 75 years	1	7	8
Between 75 and 80 years	1	1	2
Between 80 and 85 years	0	3	3
Between 85 and 90 years	1	0	1
Unknown	2	1	3
Total	41	41	82

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TABLE No. 16.

SHOWING THE CAUSE OF DEATH OF INSANE DURING THE YEAR.

	Males.	Females.	Total.
Arterio Schrosis	1	0	1
Asthenia	1	0	1
Apoplexy	0	1	1
Bronchitis	1	2	3
Congestion of Lungs	1	0	1
Cerebral Hemorrhage	1	4	5
Cirrhosis of Liver	0	1	1
Diarrhoea	1	1	2
Dementia Chr.	17	9	26
Erysipelas	1	0	1
Epilepsy	6	2	8
Enteritis Dementia Chronic	1	3	4
Gastro-Enteritis	0	1	1
Hemiplegia	0	1	1
Myelitis	0	1	1
Nephritis	0	1	1
Phthisis	0	1	1
Scrofula	1	0	1
Septicaemia	0	1	1
Syphilis	1	1	2
Senile Dementia	5	6	11
Tuberculosis	3	3	6
Uraemia Dementia Chronic	0	2	2
Total	41	41	82

TABLE No. 17.

SHOWING THE NUMBER OF ST. LOUIS COUNTY PATIENTS (INSANE) AT END OF YEAR.

Males	2
Females	5
Total	7

TABLE No. 18.

SHOWING THE NUMBER OF INSANE PATIENTS DURING THE YEAR (PRIVATE).

Males	2
Females	19
Total	21

TABLE No. 19.

SHOWING NATIVITY, NUMBER, SEX, COLOR OF INMATES BURIED IN POOR HOUSE CEMETERY DURING THE YEAR.

	White.		Black.		
	Males	Females.	Males	Females.	Total.
Austria	1	0	0	0	1
Bohemia	0	1	0	0	1
Denmark	1	0	0	0	1
Germany	17	4	0	0	21
Hungary	1	0	0	0	1
Ireland	12	11	0	0	23
Sweden	1	1	0	0	2
United States	9	10	9	4	32
Unknown	3	1	0	0	4
Total	25	28	9	4	86

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TABLE No. 20.

SHOWING NATIVITY, SEX, NUMBER AND COLOR OF INTERMENTS IN POOR HOUSE CEMETERY DURING THE YEAR.

	White.			Black		
	Stillborn.	Males.	Females.	Males.	Females.	Total.
Austria	0	5	0	0	0	5
Bohemia	0	0	1	0	0	1
China	0	1 yellow	0	0	0	1
Denmark	0	2	0	0	0	2
England	0	4	0	0	0	4
France	0	2	1	0	0	3
Greece	0	3	0	0	0	3
Germany	0	51	6	0	0	57
Hungary	0	2	0	0	0	2
Italy	0	5	0	0	0	5
Isle of Man	0	1	0	0	0	1
India	0	1	0	0	0	1
Ireland	0	31	14	0	0	45
Poland	0	1	0	0	0	1
Sweden	0	3	1	0	0	4
Scotland	0	2	0	0	0	2
United States	77	187	93	61	31	449
Total	77	372	141	75	36	701

Dissecting waste from Medical College..... 1 box
Human remains from Med. Dept. Washington University..... 1 box
Dissecting room remains ..... 3 boxes

5 boxes

TABLE No. 21.

SHOWING ARTICLES OF CLOTHING MADE IN SEWING ROOM DURING YEAR.

Aprons	423	Mittens (Pairs)	24
Aprons, Cooks'	240	Mosquito Bars	1
Aprons, Carpenters'	5	Mattress Ticks	51
Aprons, Rubber	19	Night Gowns	347
Awnings	8	Napkins	102
Canvas Covers	1	Pillow Cases	1450
Caps, Cooks'	63	Pillow Ticks (Rubber)	47
Caps, Dust	63	Petticoats	202
Camisoles	97	Sheets	1600
Camisole Strings	105	Sheets, Post Mortem	65
Chemise	508	Sheets, Rubber	93
Curtains (Pairs)	204	Shirts, Check	720
Curtain Strings	100	Shirts, Cooks'	48
Clothes Bags	7	Splashers	24
Diapers	24	Spreads	256
Drawers	729	Suspenders	180
Dresses	566	Table Cloths	19
Jean Dresses	22	Towels	11011
Jean Suits	18	Undershirts	508
Jackets, Cooks'	30	Union Suits	18

TABLE No. 22.

SHOWING ARTICLES OF CLOTHING REPAIRED IN SEWING ROOM.

Aprons	76	Pants, Boys'	2
Aprons, Cooks'	143	Sheets	65
Caps, Cooks'	2	Shirts, Check	2377
Camisoles	291	Shirts, Cooks'	217
Curtains	42	Shirts, Boys'	11
Drawers	1976	Shirts, Ball	6
Drawers, Boys'	102	Spreads	51
Jean Suits	419	Table Cloths	23
Jumpers	3	Towels	4
Jackets, Cooks'	17	Undershirts	2514
Pillow Cases	15	C. B. Scarfs	6

TABLE No. 23.

SHOWING ARTICLES OF PRIVATE CLOTHING MADE IN SEWING ROOM.

Aprons	45	Drawers	122
Basques	13	Night Gowns	14
Chemise	24	Petticoats	40
Dresses, Children's	3	Waists	3
Drawers, Children's	2		

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TABLE No. 24.

SHOWING INDEBTEDNESS OF ST. LOUIS COUNTY FOR BOARD AND MEDICAL ATTENDANCE OF COUNTY PATIENTS.

Name.	Condition.	Date Admitted.	Order.	From	To	Days.	Rate.	Amount.
Margaret Roesli.....	Insane	Jan. 16-94	....	Apr. 1-03	Mar. 31-04	366	$89 21	$89 21
Fannie Van Meter.....	"	Jan. 18-94	....	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Mrs. Wm. Moore.....	"	Apr. 9-97	154	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Kate Gaitz	"	Aug. 21-96	....	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Robert Turner	"	Jun. 20-98	....	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Laura Odell	"	Oct. 19-99	....	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Hugo Rasel	"	May. 3-00	424	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Chas. Berghardt	Pauper	Apr. 8-89	212	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Ellen Rhodes (col.)....	"	May. 3-88	183	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Louis Schneider	"	Nov. 19-95	....	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Christian Weiss	"	Oct. 3-99	....	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Heinrick Aufderkamp.	"	Aug. 15-99	437	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Frank Osterloo	"	Sep. 18-00	463	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Rudolph Waite	"	Aug. 6-01	483	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Harriet Canda	"	Feb. 27-02	504	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Michael O'Leary	"	Jul. 1-02	507	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Joseph Helt	"	Aug. 6-97	395	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Andrew Swansen	"	Nov. 10-03	529	Nov. 10-03	Mar. 31-04	143	89 21	34 80
Mrs. Philip Gerhardt*.	"	Dec. 26-01	494	Apr. 1-03	Oct. 11-03	194	89 21	47 20
Lacy Phillips (col.)*...	"	Oct. 30-03	537	Oct. 30-03	Dec. 9-03	41	89 21	10 00
John Hanson	"	Sep. 5-02	509	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Wm. Buckman**	"	Feb. 3-03	523	Apr. 1-03	Jan. 9-04	284	89 21	69 22
Annie Laurie	"	Feb. 6-04	545	Feb. 6-03	Mar. 31-04	55	89 21	13 66
Leo Grummer	"	Jan. 16-03	522	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Hanna Shepperd	"	Nov. 28-94	108	Apr. 1-03	Mar. 31-04	366	89 21	89 21
Aaron Walker	"	Feb. 28-04	148	Feb. 24-04	Mar. 31-04	37	89 21	9 08
Christian Hager**	"	Dec. 2-02	517	Apr. 1-04	Apr. 11-04	11	89 21	2 68
Henry Long**	"	Dec. 31-02	581	Apr. 1-04	May. 2-03	32	89 21	7 80
								$2067 91

Those marked thus (*) are dead.
Those marked thus (**) are discharged.

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SECTION II.

BOARD OF PUBLIC IMPROVEMENTS.

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ANNUAL REPORT

——OF THE——

President

——OF THE——

Board of Public Improvements,

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

St. Louis, April 11, 1904.

Hon. Rolla Wells,
Mayor.

Dear Sir—I herewith submit reports of the several departments, whose work is done under the general supervision of the President of the Board of Public Improvements, for the fiscal year ending April 11, 1904, viz.:

Street Commissioner.
Water Commissioner.
Sewer Commissioner.
Park Commissioner.
Harbor and Wharf Commissioner.
Commissioner of Public Buildings.
Assessor of Special Taxes.
Supervisor of City Lighting.
Supervisor of City Plumbing.
Assistant to President Board of Public Improvements.
Secretary of the Board of Public Improvements.

I also submit herewith plats showing graphically the salient features of the manner in which the different departments have been conducted in the last eleven years.. A study of the plats will give one an intelligent comparison of the present administration with the two previous ones.

I wish to call your attention to the admirable manner in which the Street Department has collected the garbage.

Your especial attention is also called to the success of the Water Department in clarifying and purifying the water. The remarkable results have been obtained with the expenditure of less than $100,000.00, when all previous estimates for this work amounted into the millions.

Attention is also called to the great amount of work done by the Sewer Department without any material increase in the expenditure of that department.

Attention is also called to the large increase in the receipts of the Harbor and Wharf Department for the year 1903-4, which is also the case in the Building Commissioner's office.

Attention is also called to the report of the Assessor of Special Taxes—the large increase in the number of tax bills issued by this department for the fiscal year 1903-4. This has been done without a material increase in the office force, and when it is taken into consideration that a great portion of these bills required a double computation it will readily appear the efficient manner in which this department has been conducted.

Especial attention is called to the sheet showing the amount spent in the last ten years for lighting public buildings. This amount will

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be materially lessened for the fiscal year 1904-5 on account of the installation of the City Lighting plant. When it is taken into account that no allowance is made on this diagram for the use of exhaust steam for heating the City Hall, it is apparent that the decrease in cost during the present administration has been something extraordinary.

The price paid for lighting public streets and alleys is abnormal, but as these contracts were entered into before the present administration took hold and has extended through to the present time, there has been no opportunity to effect a saving. The increase of this cost during the present administration, as shown on diagram, is caused by additional lights on newly paved streets and should be expected as a result of the natural growth of the city.

The first contract to expire is for lighting public streets and alleys in that district south of Keokuk street which is at the present time illuminated by gas. This contract expires in February, 1905. No material reduction can be expected in the cost of lighting the streets until after the expiration of the present contract.

Respectfully,

HIRAM PHILLIPS,

President.

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ANNUAL REPORT

——OF——

ASSISTANT

TO THE PRESIDENT OF

The Board of Public Improvements,

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

St. Louis, April 14, 1904.

Hon. Hiram Phillips,

President of the Board of Public Improvements.

Sir—I have the honor to present herewith the following report for the fiscal year ending April 11, 1904.

The expenditures of the President's Department during the year have been as follows:

Advertising and printing proceedings	$ 6,380 54
Office expenses, furniture, repairs, etc	2,656 29
Printing and stationery, drafting material, etc	2,318 46
Expenses in obtaining information relating to public work	347 95
Pay Rolls—	
Temporary clerks employed to make out special tax bills for street sprinkling	3,410 80
President, Secretary, Assistant, Assessor and Deputy Assessor of special taxes, special tax clerks, clerks, stenographer, draftsmen, civil engineer and surveyor	32,243 46
Civil engineers, surveyors, field hands and draftsmen, temporarly employed under Ordinances 18,376, 18,377 and 20,554	9,539 44
Total	$56,896 94

During the year vouchers requiring the approval of the President, and aggregating the following amounts, were examined, approved and forwarded to the Auditor, to-wit:

PAY ROLLS, MISCELLANEOUS EXPENSES AND REPAIRS REQUIRING PROMPT ATTENTION

Street bridges and culverts	$ 45,628 64	
Street cleaning, labor and carts	268,354 50	
Street cleaning, stone and wood blocks and asphaltum pavements	170,544 60	
Street cleaning, block system	98,988 40	
Street Commissioner's Department	52,948 94	
Street grades and surveys	9,969 92	
Street repairs, macadam and other materials	156,198 73	
Street repairs, miscellaneous expenses	85,851 80	
Street repairs, reconstructed streets	98,538 26	
Street repairs, salaries	22,291 60	
Streets, special and temporary service	106,428 96	
Numbering houses	1,849 80	
Sprinkling streets	192,884 14	
		$1,310,478 29
Waterworks	$ 614,810 61	
Waterworks extension, salaries and expenses	18,857 57	
		633,668 18
Sewers—Salaries, current expenses and repairs	$ 259,663 74	
Mill Creek sewer repairs	36,196 71	
		295,860 45
Park Commissioner	$ 9,569 01	
Carr Square	2,375 43	
O'Fallon Park	10,166 54	
Carondelet Park	9,296 52	
Forest Park	51,011 88	
Benton Park	2,655 11	
Hyde Park	2,498 98	
Lyon Park	1,682 55	
St. Louis Place	5,131 11	
Jackson Place	1,251 72	
Laclede Park	999 91	
Gamble Place	836 63	
Washington Square	3,773 89	
Fountain Park	1,387 72	
Gravois Park	1,079 28	
South St. Louis Square	787 31	
Kenrick Garden	814 57	
Forest Park Boulevard	118 17	
Forest Park Improvements and alterations	4,513 74	
		$109,949 07

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Harbor and Wharf—Salaries and current expenses	$ 12,547 48		
Scavenger dumps, construction and repairs	2,995 72		
Cleaning Levee and removing obstructions	11,899 87		
Scavenger dumps, salaries and expenses	6,742 35		
Street cleaning, floating dumps	12,239 74		
Repairs of dykes, wharf and river bank	17,111 49		
Harbor Boat	14,932 70		
Harbor fund (Carondelet survey)	479 55		
			78,948 90
Commissioner of Public Buildings	$ 31,545 24		
Old City Hall, salaries and current expenses	787 69		
Court House, salaries and current expenses	8,931 06		
Four Courts Building, salaries and current expenses	13,814 75		
Old City Hall, repairs and alterations	1,660 69		
Court House, repairs and alterations	16,000 85		
Four Courts Building, repairs and alterations	3,104 75		
House of Refuge	2,538 99		
City Hospital	1,025 76		
Female Hospital	3,105 72		
Courts	660 00		
Jail and Jailer's residence	2,016 37		
Markets	983 33		
Poor House	6,694 56		
Insane Asylum	15,569 09		
Morgue	227 85		
Quarantine and Smallpox Hospital	854 26		
Scales	648 07		
New City Hall, repairs and alterations	9,677 69		
New City Hall, salaries and current expenses	25,776 43		
Fire Department—Repairs of buildings	15,947 49		
Workhouse	1,081 42		
Emergency Hospital, No. 2	7,349 90		
			$170,001 96
Lighting streets, alleys, parks and public places	$ 551,759 84		
Lighting public buildings	72,081 30		
			$623,841 14
Plumbing Inspection Department	$ 13,502 02	$	13,502 02
Total for pay rolls, miscellaneous expenses and repairs requiring prompt attention		$	3,236,250 01
Contracts and other deposits			182,680 04

FOR WORK AUTHORIZED BY SPECIAL ORDINANCE.

Reconstruction and improvement of streets and alleys	$ 12,668 36	
Waterworks extension	595,651 12	
Constructing public sewers and inlets	156,086 59	
Erection of New City Hall	24,461 43	
Erection of New City Hospital	92,482 64	
Erection of Engine Houses	25,300 84	
Chouteau Avenue Bridge	885 00	
Alterations Four Courts Building	507 96	
Hospital Building Poor House	39,389 52	
Electric Light Plant, New City Hall	29,081 05	
Electric Light Plant, Insane Asylum	10,286 06	
Electric Light Plant, Waterworks	8,903 00	
Erection Elevators, New City Hall	3,260 37	
Motors for heating, New City Hall	846 00	
King's Highway Boulevard Commission	649 00	
Erection Machine Shop, Bissell's Point	49,513 88	
Reconstructing Boiler Plant, Chain of Rocks	2,291 73	
Erection Office Building, a-c Waterworks, Street Service Department	$ 17,908 37	
Drinking Fountain, Third and Washington avenue	600 00	
Obtaining information, garbage reduction plant	2,400 00	
King's Highway Bridge	5,522 08	
Total for new work		$ 1,073,695 00
Total amount of vouchers approved by the President during fiscal year		$ 4,497,625 05

MISCELLANEOUS.

Application for permits received and referred	1,696
Permits issued by order of the Board	1,613
Requisitions for supplies and materials submitted to and approved by the President	3,831
Requisitions for repairs of buildings requiring prompt attention, received and acted upon	739
Contracts for public work executed by the President and forwarded to the Council for approval	335

Very respectfully,
FRANK J. MOONEY,
Assistant.

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ANNUAL REPORT

——OF THE——

SECRETARY

——OF THE——

Board of Public Improvements,

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

Hon. Hiram Phillips,

President Board of Public Improvements.

Dear Sir:—I have the honor to report that for the fiscal year ending April 11, 1904, that Board of Public Improvements held 57 meetings; received 244 petitions for public improvements of various kinds; held 244 public hearings upon proposed improvements; received 2423 bids under 323 lettings for the award of contracts for public work; entered into 309 contracts for work of public improvement, including the finishing of the City Hall, the finishing and equipment of the New City Hospital and the repair and renovation of the Court House and the beautifying of the grounds around it, all of which is nearing completion; has approved and forwarded to the Municipal Assembly for passage 290 ordinances for street, alley, sewer and other public improvements; approved 736 requisitions for repair and renovation of the public buildings of the city and had the work done; issued 1660 permits for the private improvement of streets and alleys and for private work affecting public buildings and grounds and thoroughfares, and supervised the doing of such work in the public interest; has instituted a successful system, under the supervision of the Water Commissioner, for the clarifying of the city's water supply; inaugurated the collection of garbage of the city by the city's own forces instead of by contract; investigated the systems of final disposition of garbage in six of the large cities of this country and Canada in conjunction with the Sanitary Committees of the House and Council and the Health Commissioner and reported the findings thereof to the Municipal Assembly; insisted upon their demand for an additional bond of $550,000 from the Louisiana Purchase Exposition Company to insure the proper restoration of that part of Forest Park devoted to World's Fair purposes; has adopted a policy of narrower roadways on residence streets where practical, so as to leave more room on either side for the proper growing of shade trees; and is considering the provisions of an ordinance providing for the establishing of a lighting plant by the city for furnishing light to that part of the city south of Keokuk street, now lighted under a contract which will expire in February, 1905.

An accurate record of all matters coming before the board and the disposition thereof has been kept and indexed, open at all times for the information of the board members and the public.

Respectfully,

WALLER EDWARDS,

Secretary.

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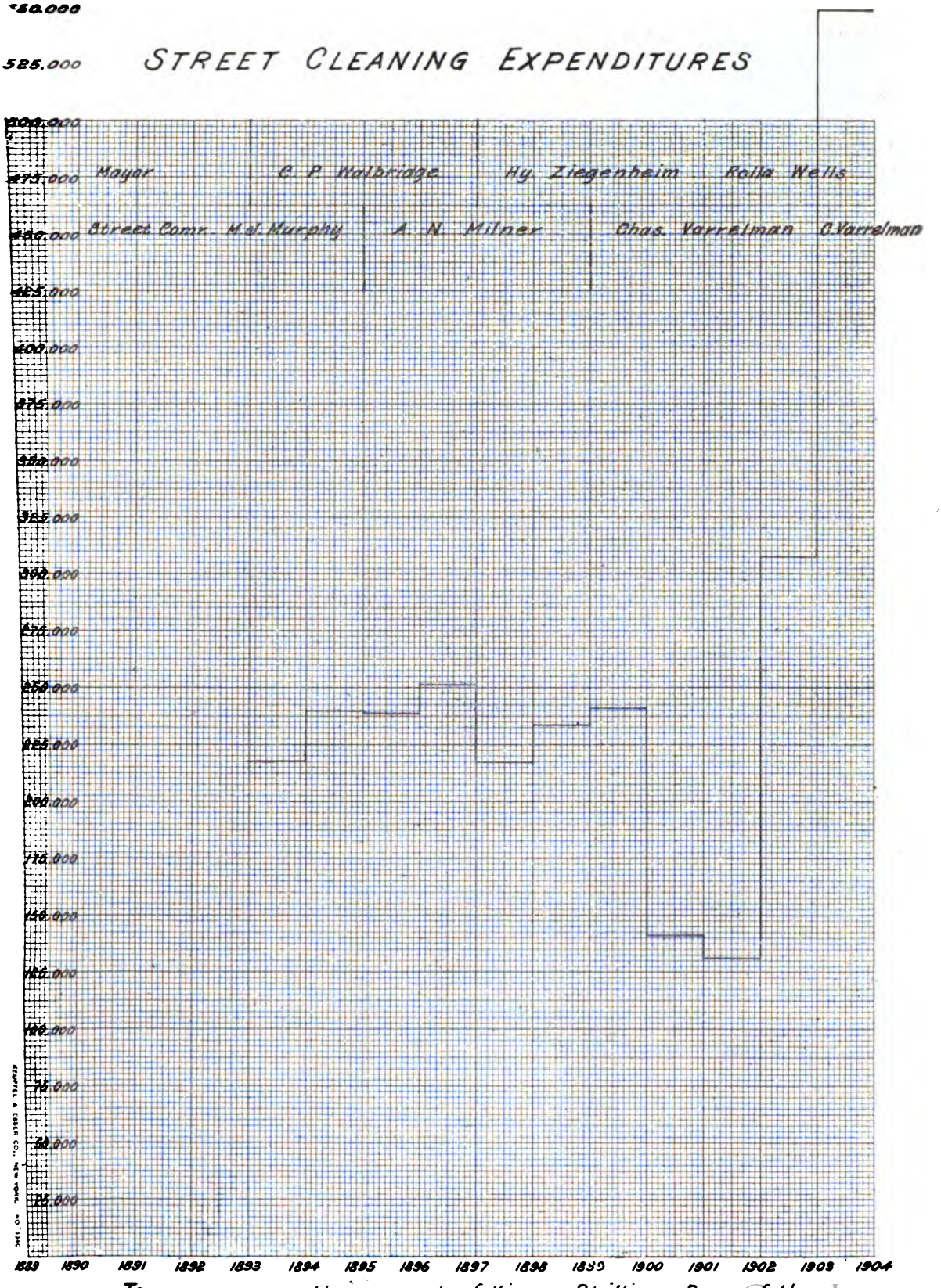
STREET CLEANING EXPENDITURES



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvement. — 1903 - 1904

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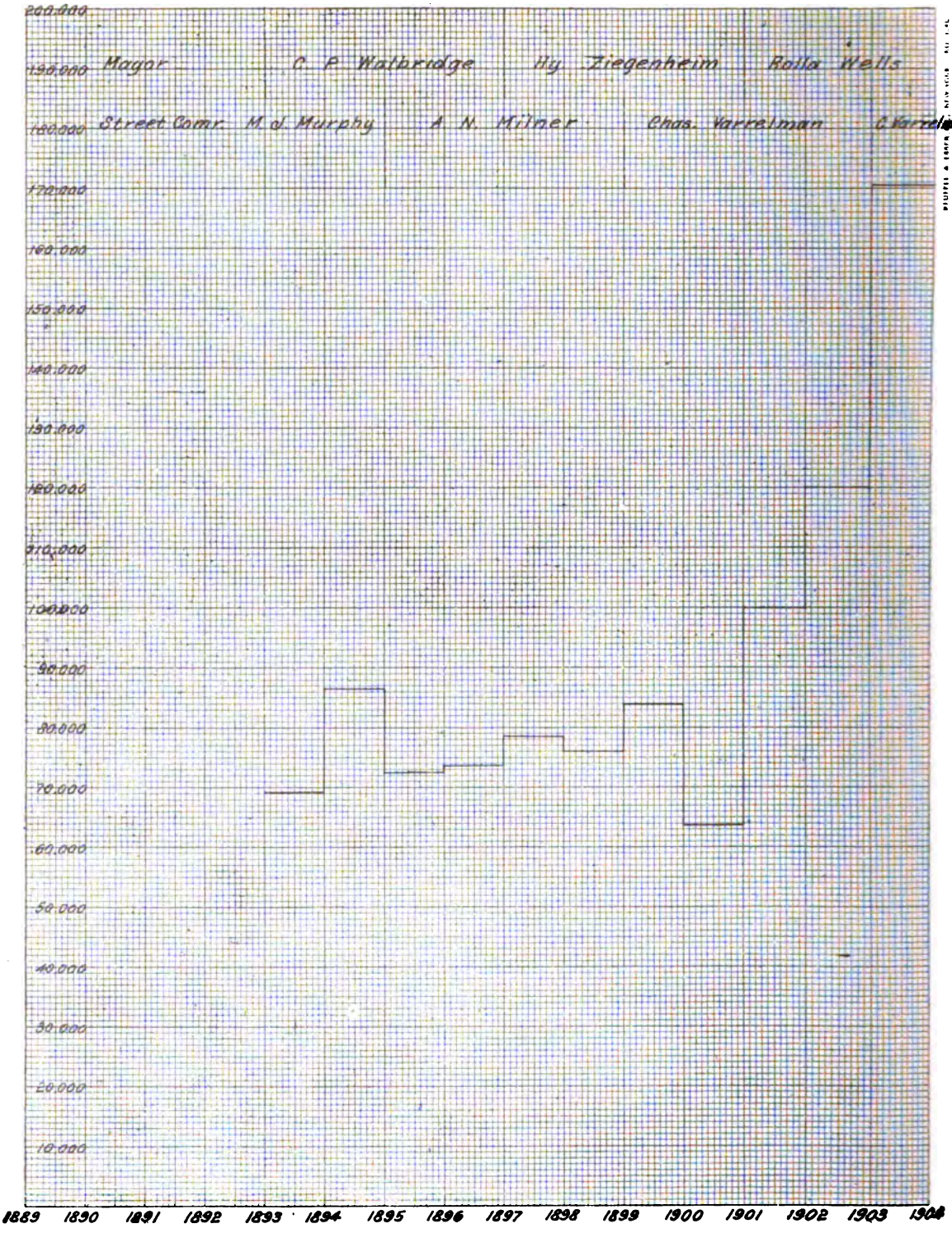
Amount Expended in Cleaning
IMPROVED STREETS & ALLEYS



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvements
1903 - 1904

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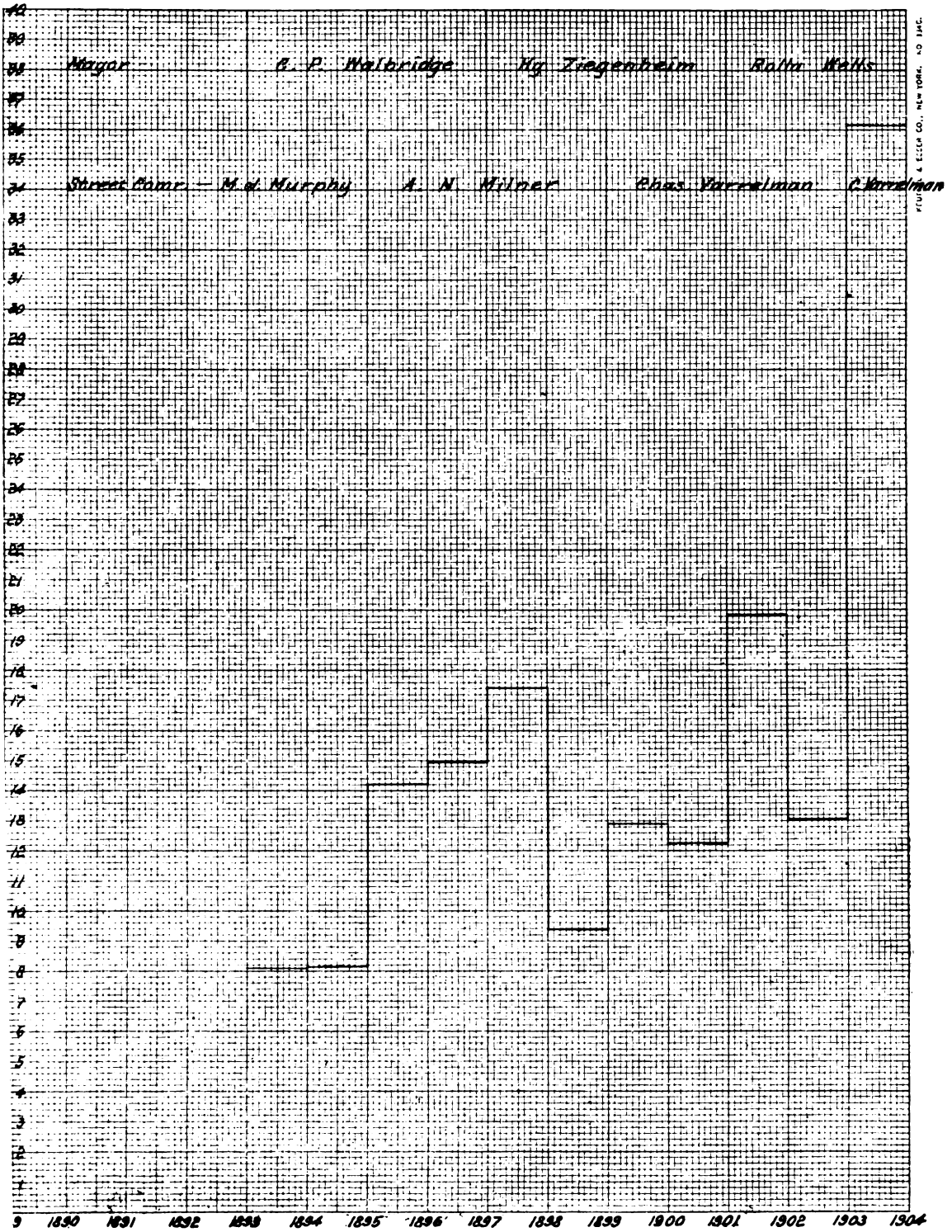
Miles of Streets Constructed or Reconstructed.



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvements
1903 - 1904

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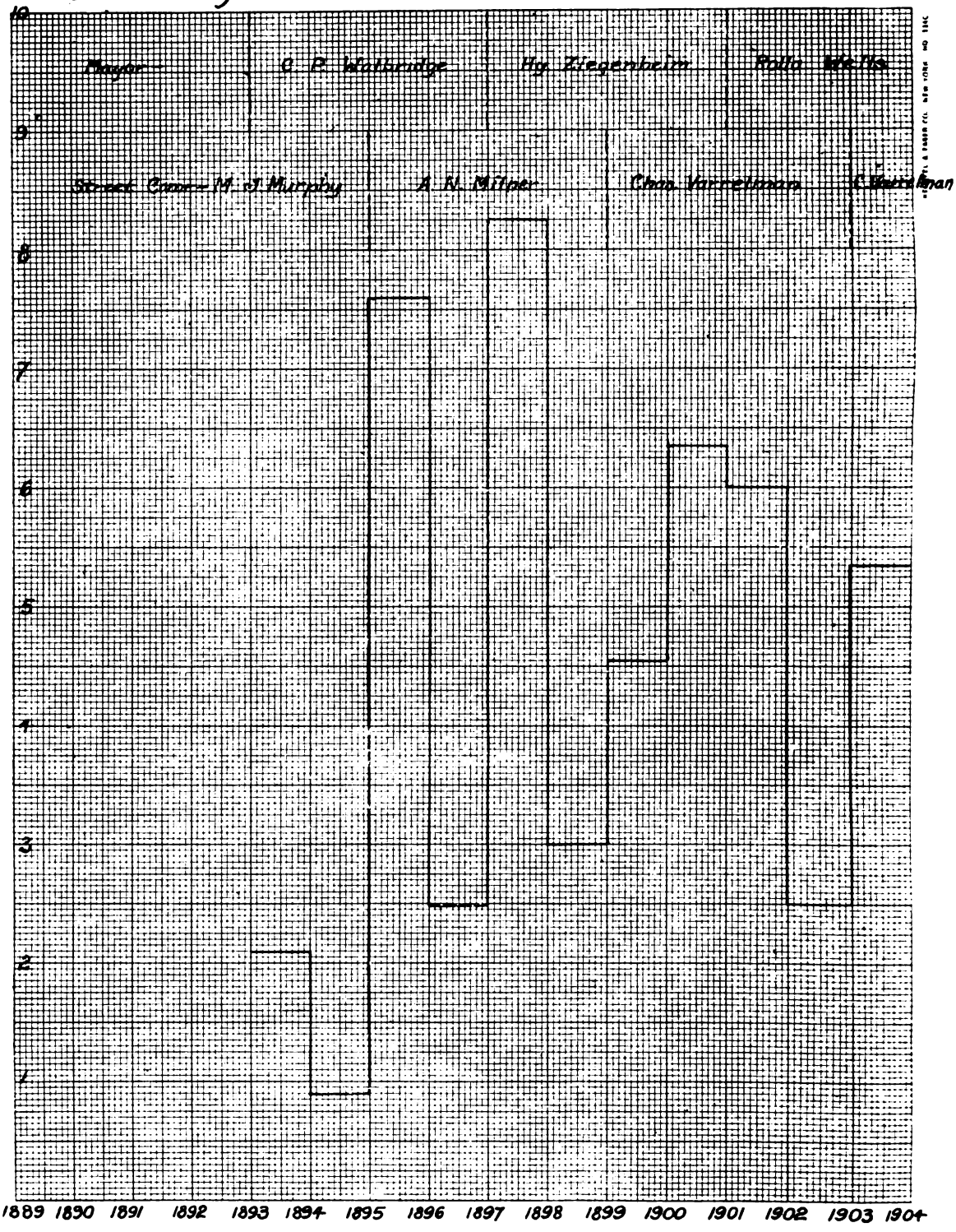
Miles of Alleys Constructed or Reconstructed



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvements
1903 – 1904

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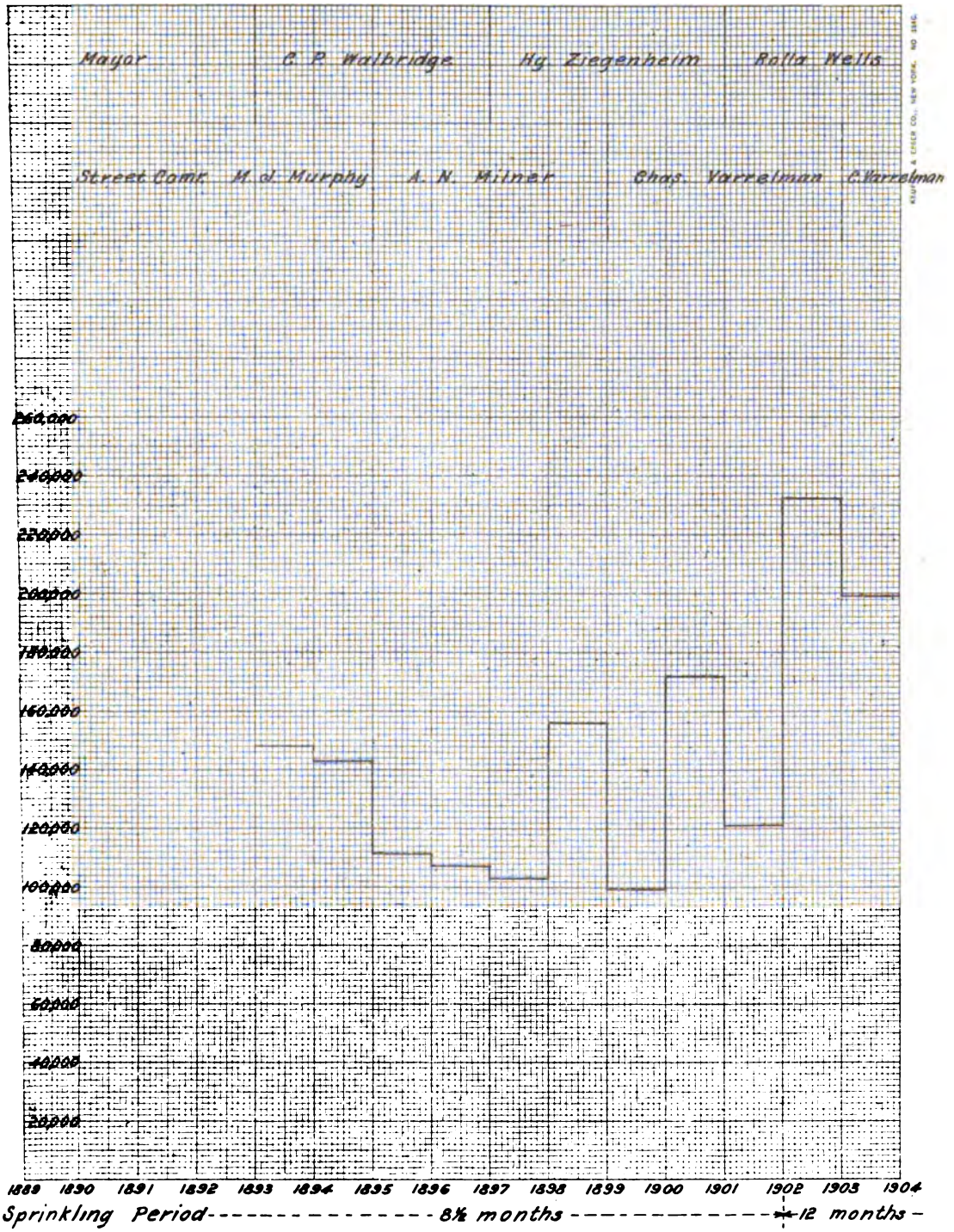
Cost of Street Sprinkling



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvements
1903 - 1904

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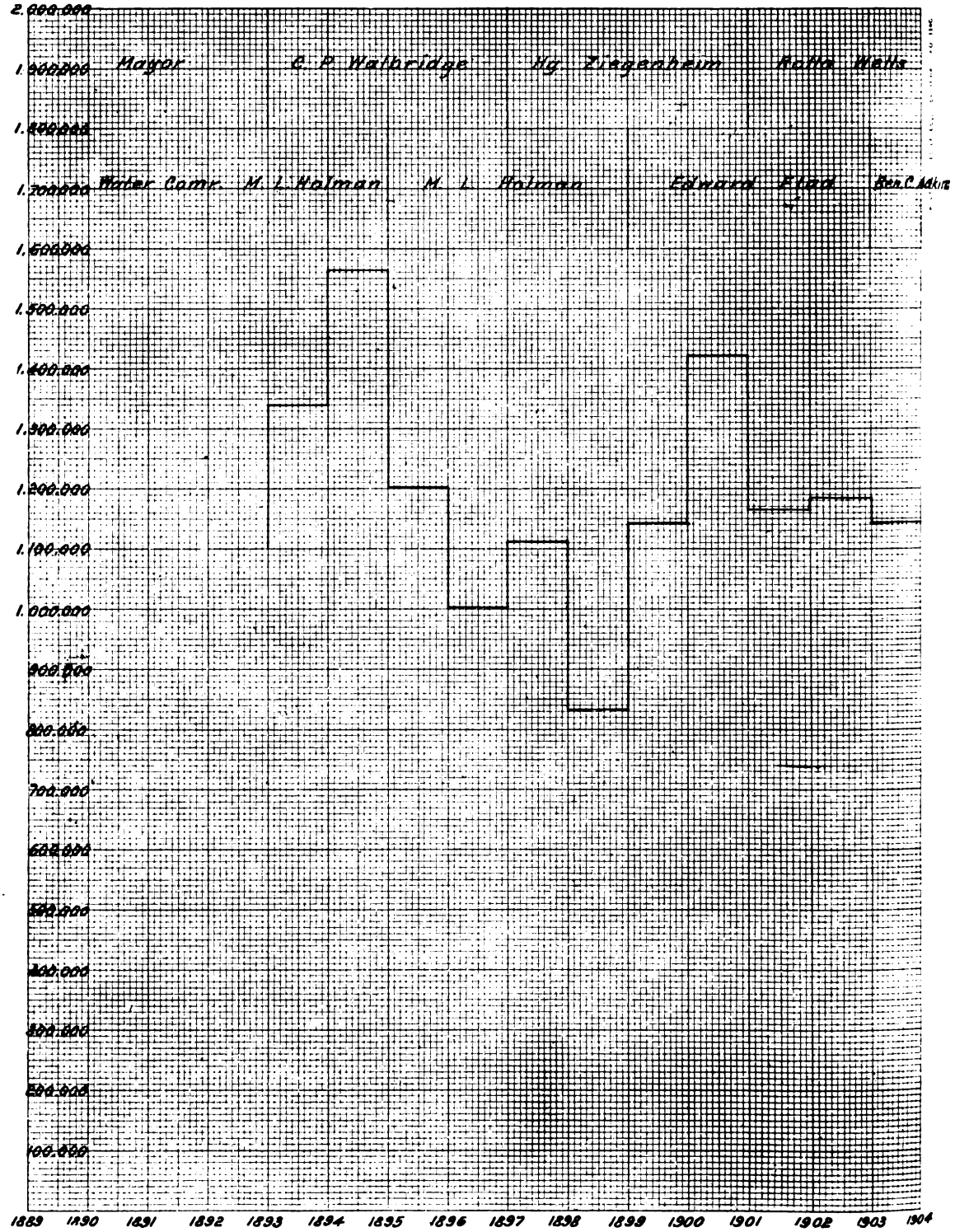
Water Dept. — Expenditures



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvements
1903 - 1904

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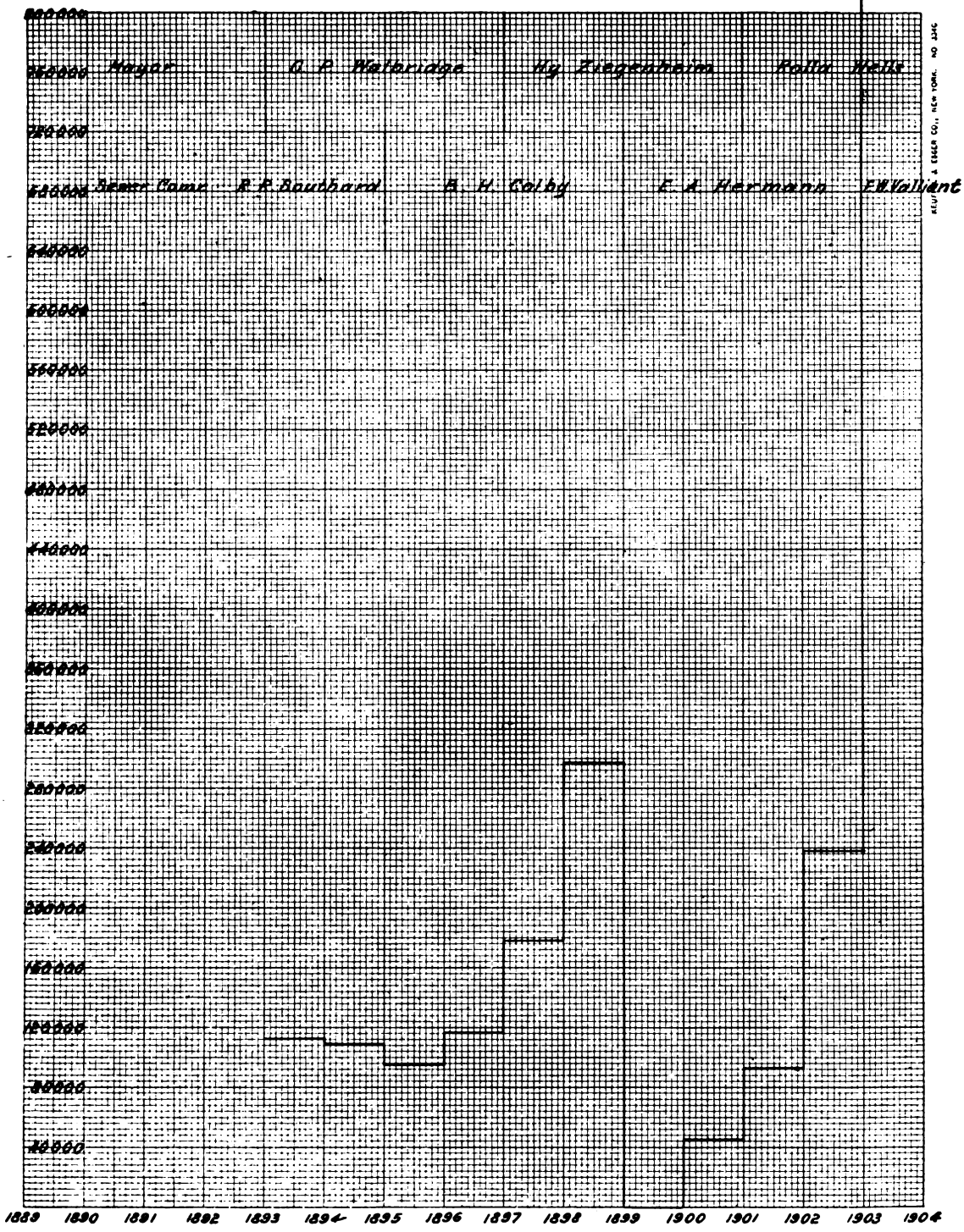
Amount Spent on District and Joint Sewers.



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvements
1903-1904

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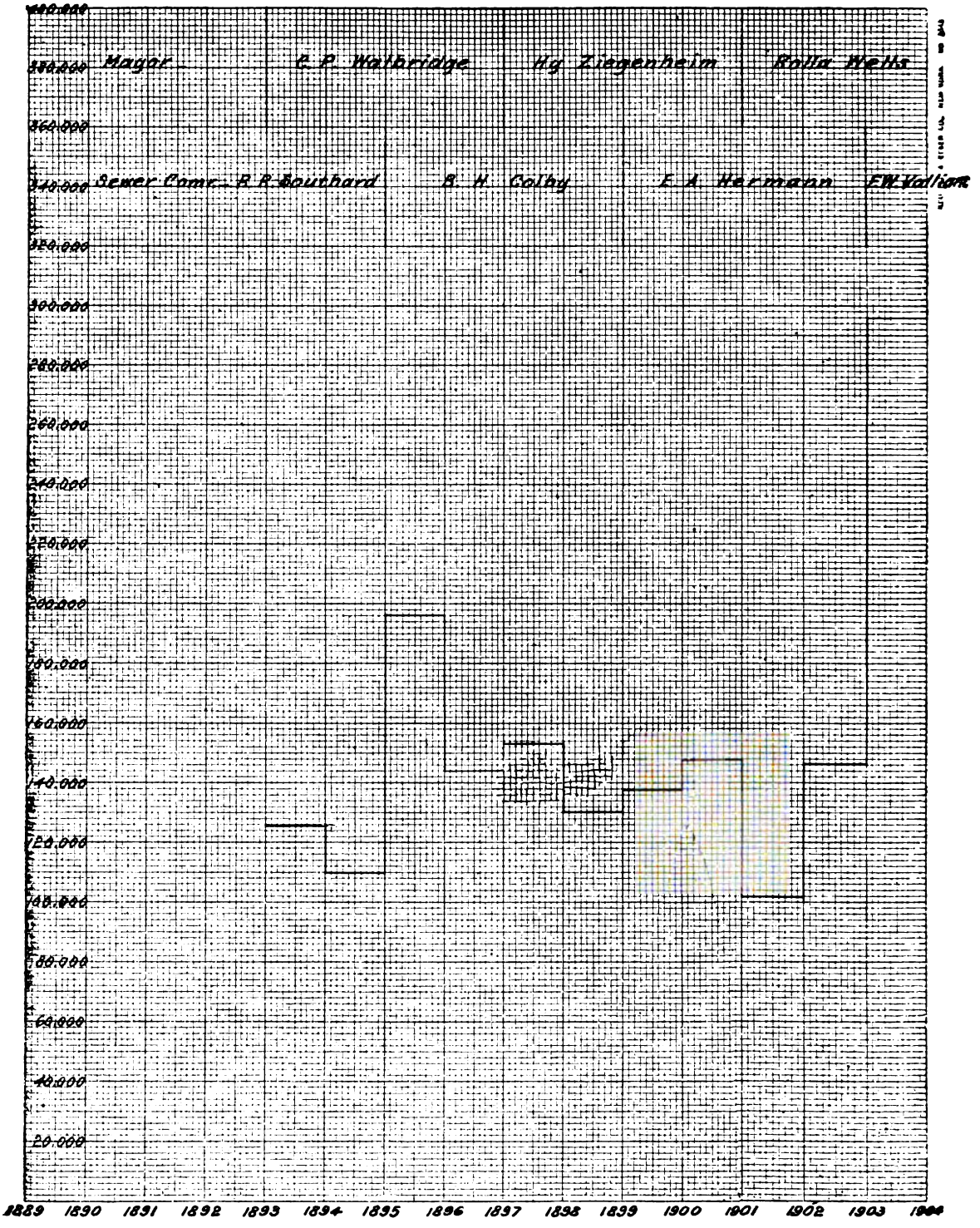
Amount Spent on Public Sewers



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvements
1903 – 1904

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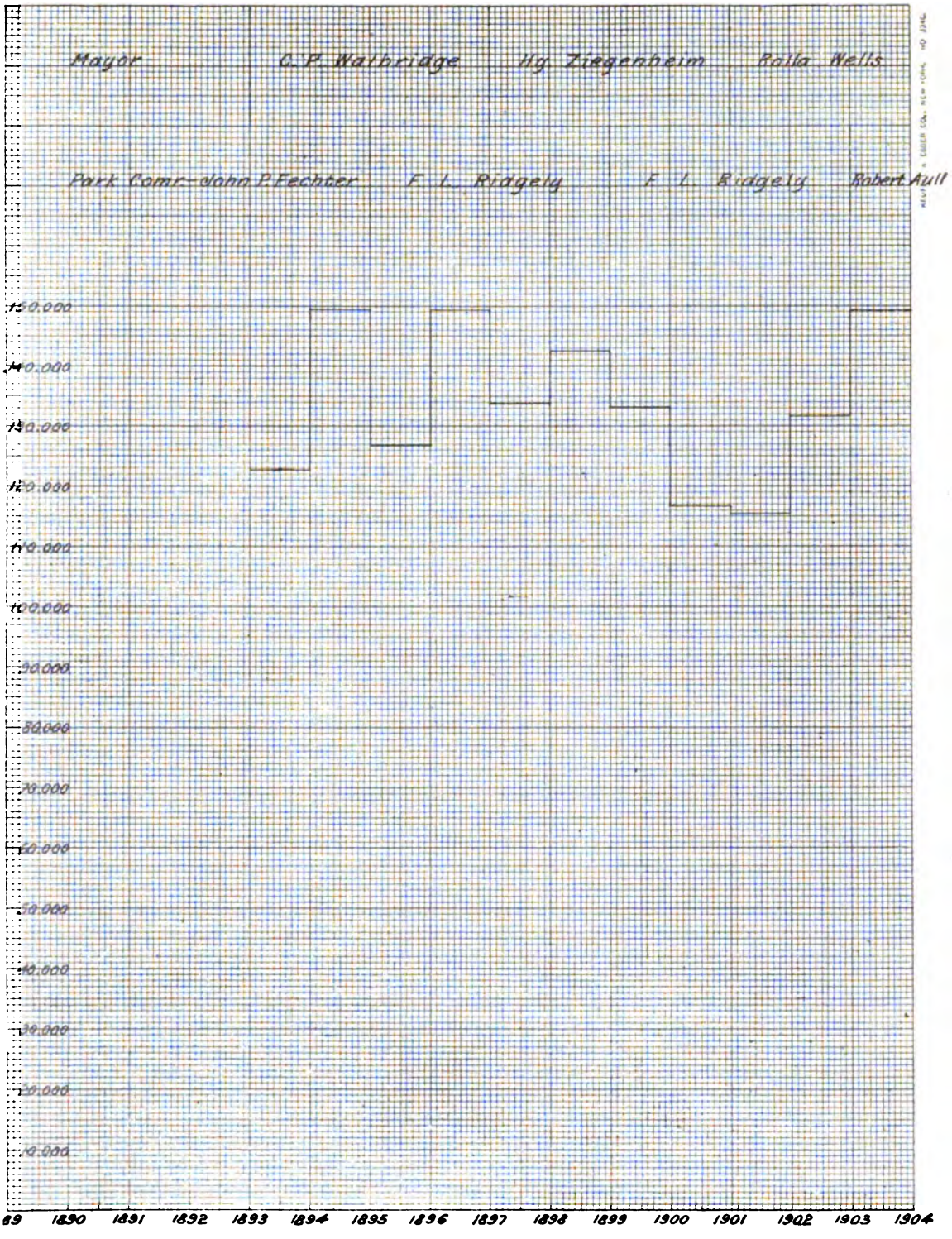
PARK DEPT. - EXPENDITURES



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvements
1903 - 1904

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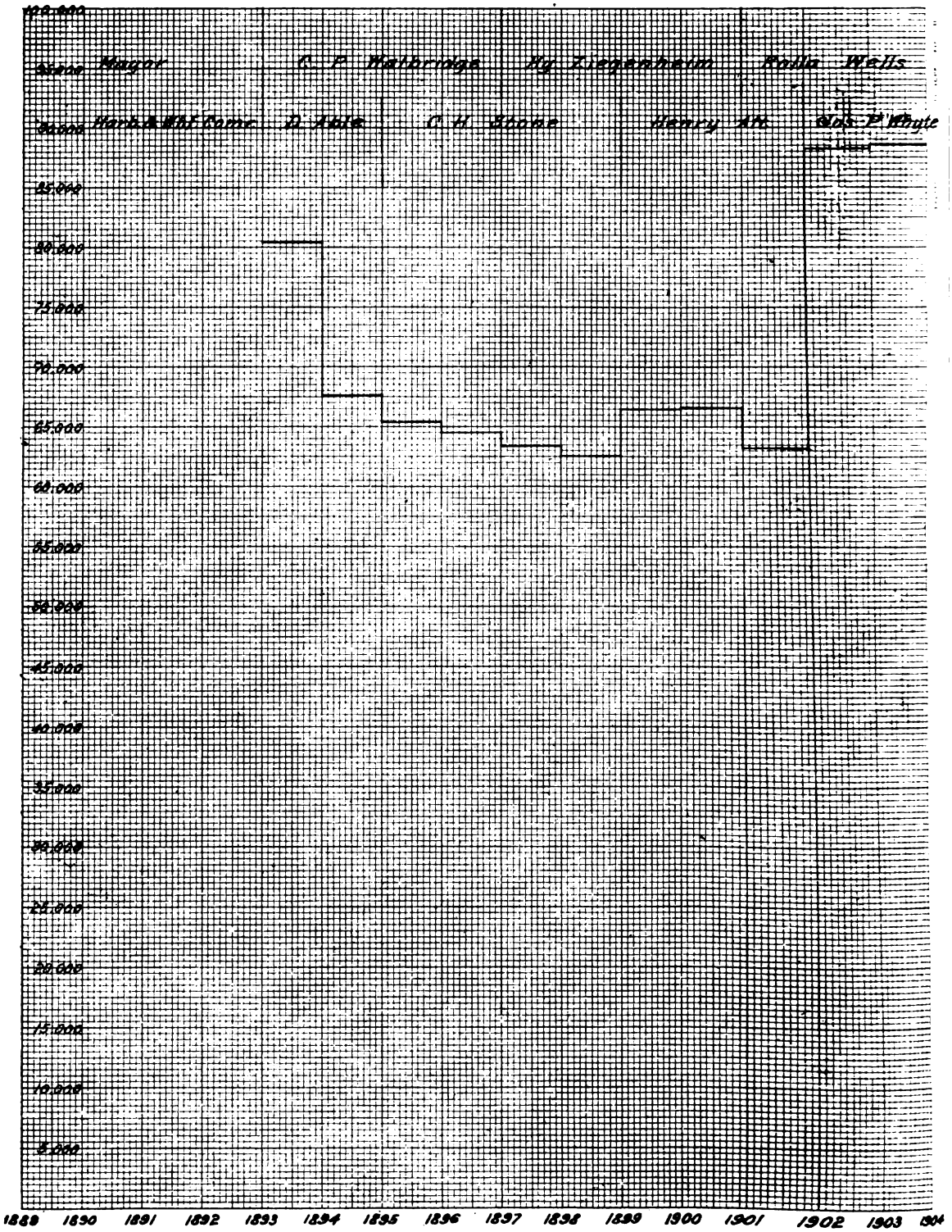
Receipts — Harbor and Wharf Dept.



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvements

1903 - 1904

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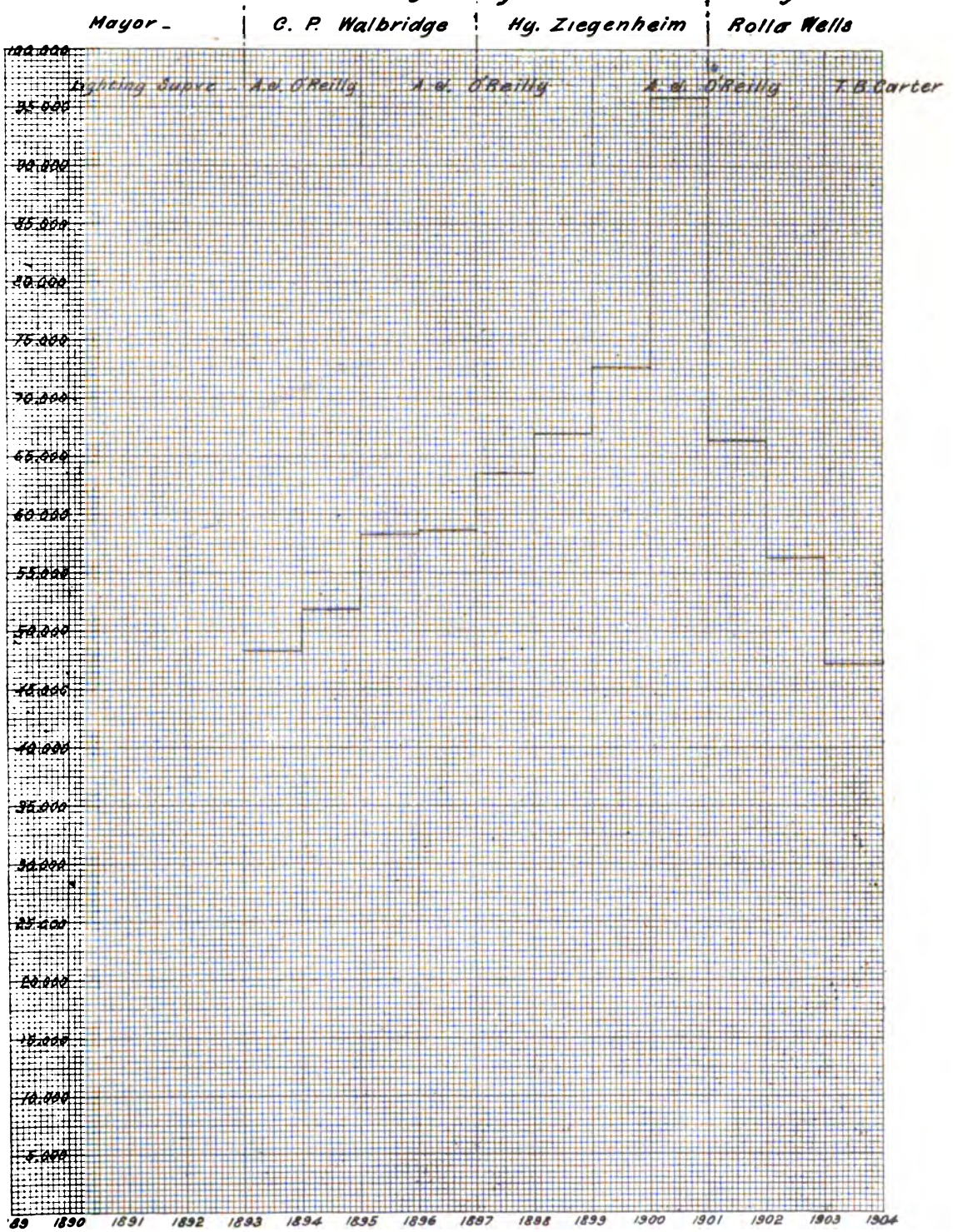
Amount Spent Lighting Public Buildings



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvements – 1903 1904

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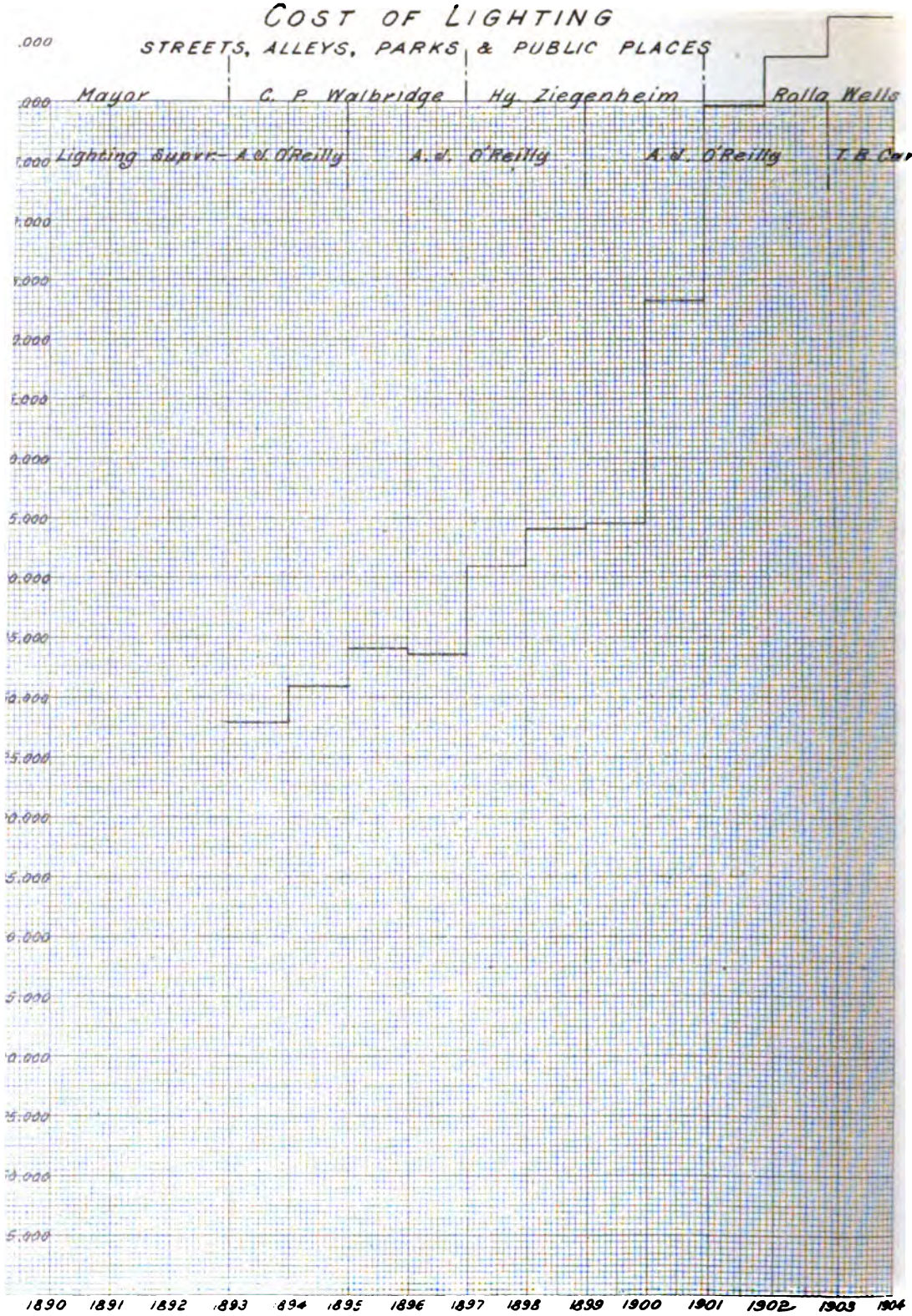
COST OF LIGHTING

STREETS, ALLEYS, PARKS & PUBLIC PLACES



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvements
1903 - 1904

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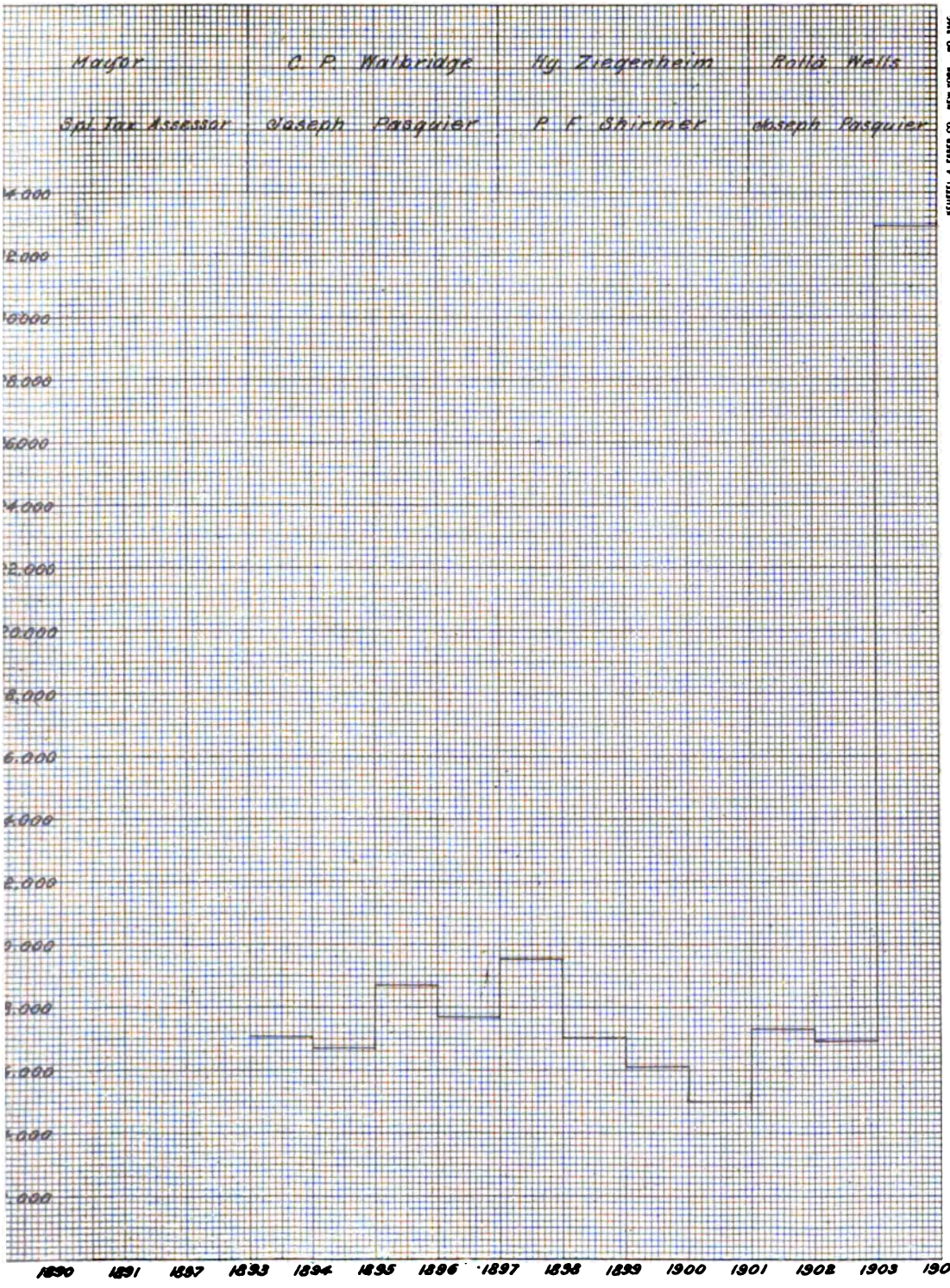
Number of Special Tax Bills issued.



KEUFFEL & ESSER CO., NEW YORK. NO 1345.

To accompany the report of Hiram Phillips. Pres. of the Board of Public Improvements
1903 - 1904

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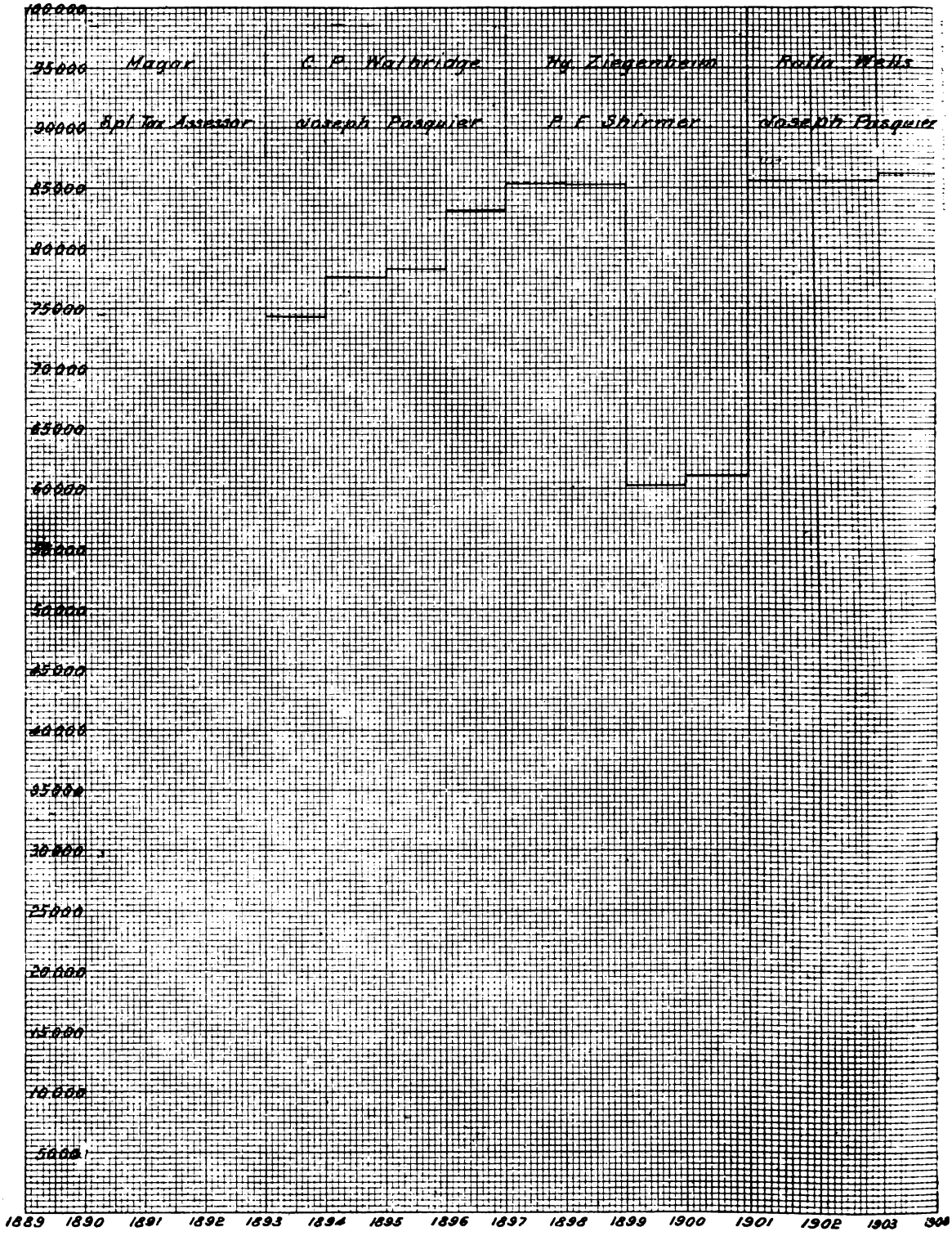
Number of Sprinkling Bills issued



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvements

1903 - 1904

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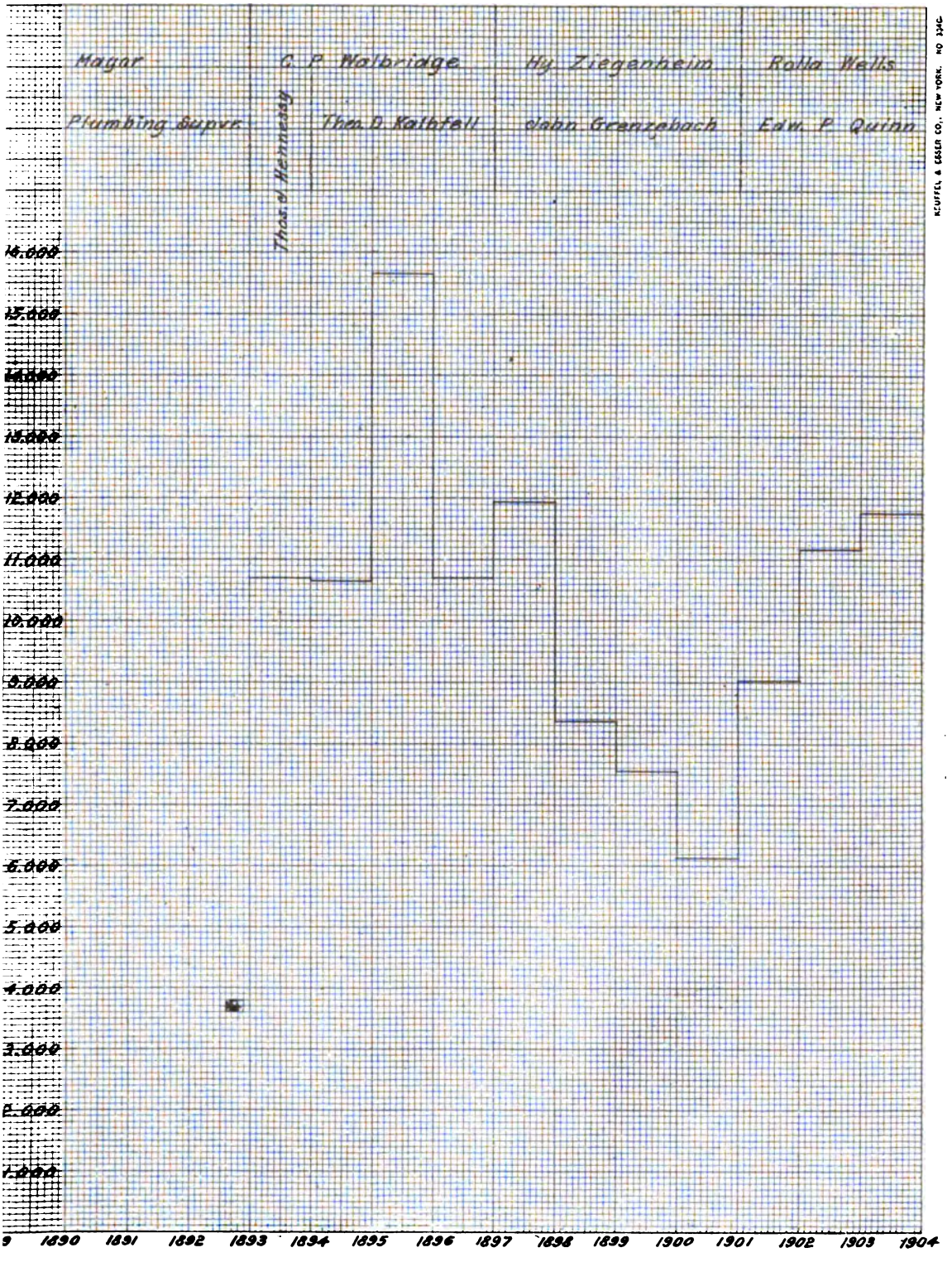
Receipts – Plumbing Supvr.



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvements
1903– 1904

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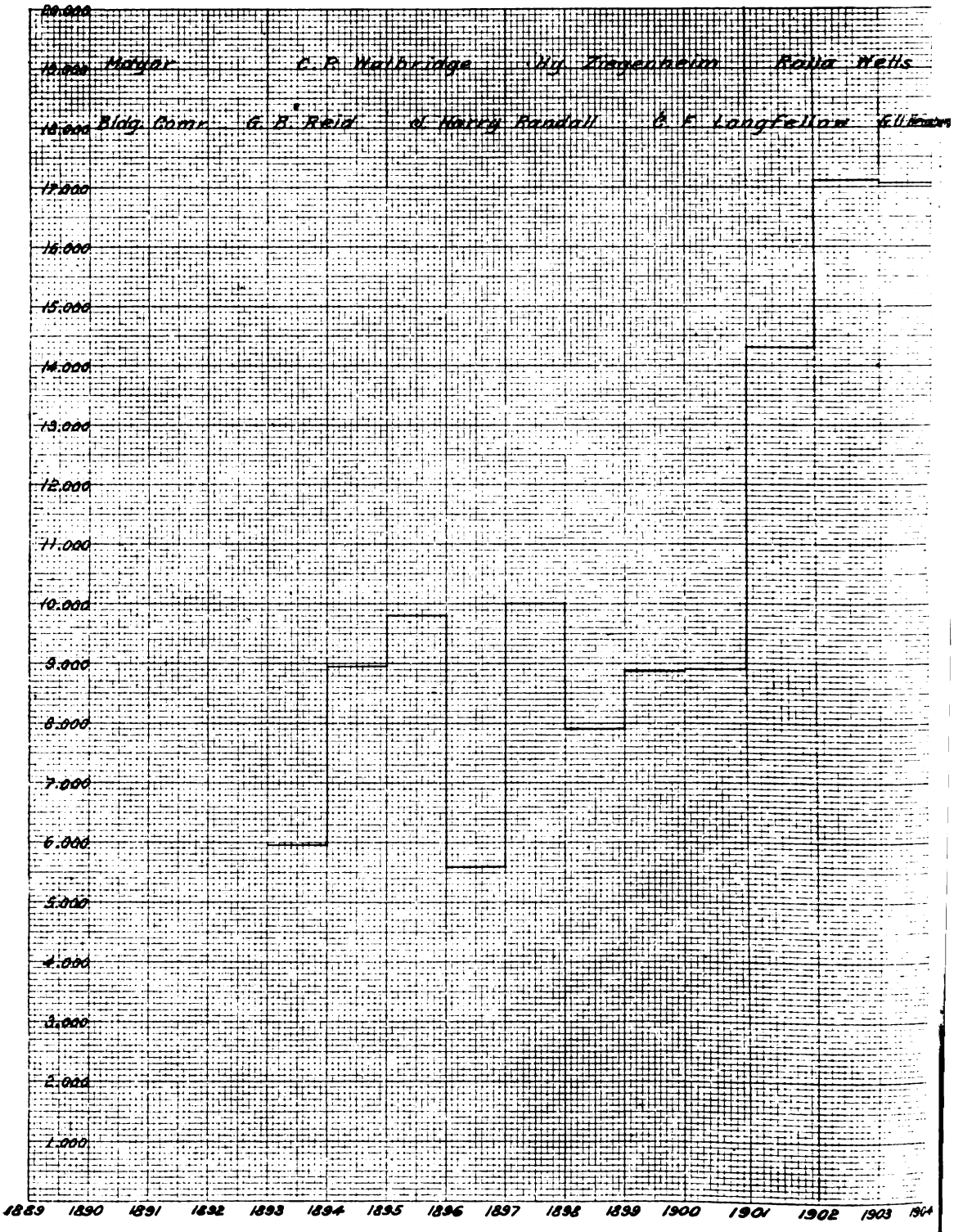
RECEIPTS _ BUILDING COMMR.



To accompany the report of Hiram Phillips, Pres. of the Board of Public Improvements
1903 - 1904

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ANNUAL REPORT

— OF THE

PARK COMMISSIONER

OF THE

CITY OF ST. LOUIS

FOR THE

Fiscal Year Ending April 7, 1904

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PRESS
LAMBERT-DEACON-HULL
SAINT LOUIS

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ANNUAL REPORT.

OFFICE OF THE PARK COMMISSIONER,

CITY HALL, ST. LOUIS.

To the Honorable Board of Public Improvements:

GENTLEMEN—In conformity with the Charter, I desire to present to your Honorable Board my report of the work done, and the moneys expended in the Public Parks under my control, during the fiscal year of 1903-1904.

In submitting this report on the condition of the Parks under my direction, I desire to say that my aim will be to advance the standard of the system, by careful cultivation and improvement, also to beautify them by additional features, as far as the appropriations at our disposal will permit.

In looking over the Park Systems of the country, I find a strong tendency toward improved facilities for the healthful enjoyment of children.

In this connection, I am now looking for a convenient place to lay out a large wading pool, which I know will be a great attraction to the young.

Other improvements contemplated will be enlarging the animal reservations, and the general improvement of the animal pens and cages, which will add to the health and attractiveness of the zoological features of Forest Park.

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The greatest improvement in the history of Forest Park is at last an assured fact. By the joint and expeditious action of the Municipal Assembly there has been passed an appropriation bill, providing for the erection of an enlarged and handsome bridge at the entrance to the park from Lindell Avenue.

This is undoubtedly a most desirable improvement, as it marks the passing of an obstruction, long a menace to our people, and substitutes therefor a handsome, attractive and park-like structure.

Attached hereto is a report of Mr. Andrew Meyer, Jr.; General Superintendent, to whose efficiency and worth I take pleasure in testifying, and also to express my appreciation for the faithful services of the clerks and keepers of the Park Department.

FOREST PARK.

Our greatest efforts were exerted at this park during the past year, owing to its close proximity to the World's Fair grounds, and also by reason of the fact that it is the most popular of our public parks.

Besides the regular appropriation of $50,000.00 for general maintenance, it was necessary to ask for a special appropriation of $10,500.00 to carry out the new improvements contemplated.

This bill was passed by the Municipal Assembly, and met with little or no opposition.

Considering the fact that this park is used daily by thousands of workmen and visitors to and from the Fair, it is in a very good condition.

The following is a review of new improvements accomplished since the last annual report has been issued:

One new green-house, 104x32x25 feet high, erected at a cost of $2,900.00; this was necessary to relieve the congested condition of the old palm-house.

A new shelter-house has been erected over the spring, near the Wabash viaduct. This is a very handsome structure, consisting of four stone pillars and a terra cotta tile roof, with wide overhanging eaves, and is considered quite an improvement, as it adds very materially to the landscape effect. Cost of same was $600.00.

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Before commencing the work, the spring was traced back for several hundred feet to its source and piped to the site upon which the building was erected.

Here a mound of rustic rock was formed, from which the water gushes forth at the rate of 25,000 gallons every 24 hours.

The water from this spring has been officially tested by the City Chemist, an analysis of which is as follows:

CITY OF ST. LOUIS.
HEALTH DEPARTMENT.
John H. Simon, M. D.,
Health Commissioner.

Chemical Division:
Walter Bernays, City Chemist.

Office of City Chemist,
Old City Hall, Chestnut St. Entrance.
Phone, Main 493.

St. Louis, July 18, 1903.

Robert Aull, Esq., Park Commissioner:

Dear Sir—The following embodies the results of a sanitary analysis of the water from a spring in Forest Park, taken on July 13th by my janitor under the supervision of the park-keeper:

Nitrogen as Free Ammonia	0.004
Nitrogen as Albuminoid Ammonia	0.034
Nitrogen as Nitrites	0.001
Nitrogen as Nitrates	6.000
Chlorine	25.000
Alkalinity	250.000

Results expressed in parts per million.

This analysis shows the water to be a good and perfectly safe drinking water, free from any sewage contamination.

Respectfully,
WALTER BERNAYS, City Chemist.

The Music Pavilion on the island in Pagoda Lake has been repaired and is now ready for painting. This building was in a very bad state of decay, and almost the entire foundation had to be replaced with new material.

Sixteen thousand one hundred and ninety-four square feet of granitoid walks were laid along the south side of the Grand Drive from the Union Avenue entrance to the Lindell Railway Pavilion.

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Many of the drives have been reconstructed, using 933 squares macadam and 50 carloads of chats.

A new 8-ton steam roller and scarifier has also been added to our list of road-building tools.

Three old sprinkling carts have been condemned and sold; these were replaced with two new improved sprinklers. Two old mules and one horse, which were unfit for service in the park, were also condemned and sold. No new stock has been purchased in the past year, but three old mules were transferred from the Street Department, and these are only fit to be used in the one-horse lawn mowers. I would recommend that at least two new teams be added to this park.

One new dump wagon was also purchased, and the three old ones are in a very bad shape and should be replaced with modern wagons.

The stable should have a new gravel roof, as the old one leaks in several places.

The old green-houses are in a dilapidated condition and must have an overhauling after the spring planting is finished.

Over 1,000 young trees were planted throughout the park in the fall and spring, but not a single shrub.

It has been suggested to me by some of the exhibitors that after the expiration of the Fair this park will be the recipient of many plants and shrubs, hence I have not purchased any.

The Lindell Railway loop was transformed into a large carriage corral, to accommodate those visitors who drive to the Fair. The entire loop was fenced in with a 2-inch iron pipe rail, fastened on iron posts set 8 feet apart. It is our intention that this fence should serve two purposes: we are at present soliciting bids on a new elk paddock, which we contemplate building, and after the Fair closes we expect to place the above rail fence around the entire paddock, allowing a space of 3 feet between both fences, thereby preventing people from coming in contact with the elk, which are very vicious at certain seasons of the year.

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ANIMALS.

The animal quarters are crowded and are in an unsanitary condition. The old elk paddocks especially become a veritable bog during the wet seasons, and the animals sometimes stand knee-deep in the mire. This, however, will be remedied after the completion of the new elk paddock, which will cover an area of about 2½ acres and will have a natural drainage.

One large Cinnamon Bear, one pair of Badgers, and one American Bald Eagle were purchased in the past year.

The following is a list of animals comprising our Zoo:

3 Buffaloes,	15 Rabbits,	2 Ground Hogs,
3 Badgers,	2 Wild Geese,	6 Monkeys,
1 Crane,	5 Foxes,	7 Pheasants,
15 Doves,	3 Bears,	4 Raccoons,
2 Angora Goats,	1 Beaver,	2 Prairie Dogs,
3 Guinea Fowls,	50 Deer,	5 Owls,
6 Peafowls,	17 Elk,	1 American Bald Eagle.

BENTON PARK.

This park is located in the southern part of the city and is almost the prettiest of the smaller parks. It is a veritable mecca for landscape painters and photographers. The topography is ideal, and one can scarcely find a lawn with sufficient level area for a tennis court.

Owing to the rolling character of the ground, the surface material of the walks is carried down with every heavy shower, necessitating much time and labor replacing same. There are two very pretty lakes in this park, which, I regret to say, have been neglected. The old wood retaining walls around these should be replaced with concrete walls.

No trees were planted in this park.

The Keeper's house has been repaired and a new roof put on, and the Music Pavilion and Flagstaff painted.

The water supply pipes being in poor condition, have been repaired and new street washers added.

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CARONDELET PARK.

Carondelet Park is located in the extreme southern part of the city, and contains 180 acres. Many new improvements were made during the past year. A new fence has been erected along the entire east side of the park. A cinder walk with stone curbs was constructed from the Kansas Street entrance to the railroad bridge. 6,658 square feet of granitoid walks were laid from the spring to the large pavilion, and from the pavilion leading to the lake. A new granitoid aquarium was built in the lawn close to the Keeper's lodge. Owing to its close proximity to the street on the east side of the park, one of the base-ball grounds had to be abandoned.

These grounds have been seeded and planted with young trees, which have improved this section of the park. Eight carloads of crushed quartz were used for resurfacing the drives. The entire fence on the south side of the park has been painted. Five hundred young trees were planted in various parts of the park, only a few of which failed to grow.

Two 5-year-old mules were purchased for $350.00, to take the place of two old ones which were condemned and sold. One new modern sprinkler was also purchased. A new shingle roof was put on the Keeper's lodge, and all of the rooms were papered.

The railroad station in this park is in a dilapidated condition, but I have received assurances that a new structure would be erected without delay. I have examined the plans, and approved same as satisfactory.

CARR SQUARE.

This park is situated in probably the most densely populated portion of the city. It is in a very good condition, considering its location.

This park is used almost exclusively as a playground for children, and it is with difficulty that the lawns are kept in good condition. It contains 2.30 acres.

A few necessary improvements were made, as follows:

A new music pavilion was built at a cost of $649.00; the old wooden flagstaff, which was blown down, has been replaced with a new 65-foot steel flagstaff; new slate roof was put on the tool house.

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Three dozen young European Sycamore trees were planted, about twenty-five of which are doing nicely.

The old fountain should be taken out and replaced with a modern fountain.

FOUNTAIN PARK.

The streets surrounding this park have been improved last fall, thereby adding about 1½ acres of land to the park. This land was in the shape of a mud road before it was acquired by the city for park purposes, and had to be plowed and shaped up in order to give it proper drainage. It was then covered with a coating of well-rotted manure and left in this condition until this spring, when it was thoroughly harrowed, seeded and rolled. At this writing it is covered with a luxuriant growth of young grass.

This park is elliptical in form, its highest point being the center, from which it dips down to the curb in every direction and has a perfect surface drainage.

The beautiful fountain, which formerly stood in the Merchants' Exchange building, was donated to this park and placed in the center of it, but as an outdoor fountain it has proven a failure. First of all, it is constructed of such flimsy material that the figures blow down with any ordinary storm; and second, the diameter of the iron ground basin is too small in comparison to the height of the fountain, causing the spray to be carried outside of it by the wind. This, however, might be remedied by putting in a larger ground basin, but I don't believe the condition of the fountain justifies doing this.

One of the necessary improvements at this park is a granitoid walk running through the center from north to south, as this thoroughfare is used by hundreds of pedestrians daily to get across the park. The park has been generally maintained and is in excellent condition. An appropriation of $500.00 for a fence was made for this park, but I do not believe this is an absolute necessity, as it is located in quite a fashionable residence district, and very little or no trouble is experienced with stray animals.

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GAMBLE PLACE.

This small park is located in a populous part of the city, and immediately adjoining a large public school, hence it is used largely by the school children as a playground, so it can be readily seen that it is an utter impossibility to maintain perfect lawns. The fence and tool house have been repaired and painted, the walks resurfaced, and lawns reseeded.

The water supply has also been repaired. Three dozen young European Sycamore trees were planted, which appear to be growing nicely. A new fountain, and a granitoid walk running through from north to south, are much needed and should be provided for in the next appropriation.

GRAVOIS PARK.

This park is located in the southwestern part of the city, in a sparsely populated district, and is not easily accessible by street cars. hence it does not receive a very large patronage, only from the few people living in the immediate vicinity.

The small appropriation provided for this park might be attributed to these facts. They are inadequate to permit proper maintenance for a park of its size, not to speak of any improvements.

The entire fence needs repairing and painting badly, as do also the pavilion and Keeper's lodge. The walks have been resurfaced with cinders and several squares of small macadam.

One hundred and eight new trees were planted during the past year.

HYDE PARK.

This park is situated in the north end of the city, and is very similar to Benton Park, both in size and topography of the land.

The fountain, which is one of the handsomest in the city, has been repaired, and a new cement bottom put in the ground basin.

The funds provided for this park had to be used for general maintenance only, and no improvements could be made. A new fence should be erected on the east and north sides, and the old iron fence

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on the west and south sides should be repaired and painted, and the music pavilion needs a like treatment. A new concrete retaining wall should be placed around the lake.

Much trouble is experienced from workingmen creating foot-paths across the lawns in going to and from work, and it was necessary to put up additional chain posts to prevent this.

JACKSON PLACE.

This park is also located in the northern portion of the city, and is used extensively as a playground for children. We are here again confronted with the difficulty of maintaining lawns under adverse circumstances. The surrounding territory is thickly built up with manufactories, and the homes of the people that are employed in them. The park is not only used by them as a place of recreation but as a public thoroughfare. A granitoid walk was laid through the park from east to west. The base of the wooden flagpole was decayed and I deemed it advisable to take it down and repair it before it came down of its own accord and probably causing loss of life.

The hydrant has been repaired, and about 100 feet of drain pipe which had collapsed in several places were taken out and replaced with new pipe. Several bushels of grass seed were sown and 36 new trees planted, most of which are growing.

KENRICK GARDEN.

This is merely a triangular piece of land at the intersection of three public thoroughfares, and contains about three-quarters of an acre of ground.

It is surrounded by a privet hedge, which is admired by all who see it. A row of pyramidalis arbor vitæ was planted, running parallel with the hedge, and these in addition to the many flower beds make the place appear like a well kept garden. Several of the trees along the curb died and were replaced with new ones.

The beds required about 3,000 tulip bulbs last fall, and about the same number of plants this spring.

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LYON PARK.

Lyon Park is located in the southeastern part of the city, directly opposite the old United States Arsenal. It is one of the best shaded parks in the city. The walks have all been resurfaced with cinders, and during the fall the lawns were covered with fertilizer, and are now in excellent condition. The tool-house is in a dilapidated condition, and an appropriation should be made for a new one, that would be ornamental and in keeping with the surroundings.

The drainage system has been extended and the several low places, where pools of water remained after rains, have been much improved. Arsenal Street, on the north side, was graded last fall, thereby necessitating the lowering of the fence several feet.

The north lake should be connected with the south lake, either by cutting through the narrow strip of land separating them and bridged over, or by running a drain pipe through it. There is no way of draining the north lake at present, and the water becomes stagnant in the summer.

No new trees were planted, as I did not deem it necessary, there being plenty of shade and the old trees are in a healthy condition.

O'FALLON PARK.

It is located in the extreme northern part of the city, and has many points of interest.

Most all of the clay drain pipes were stopped up, and on digging them up in many instances we found the roots of trees growing through them, forming obstructions, and in many other cases they contained a sediment of sand and gravel to such a depth so as not to permit the flow of water. Judging from general appearances these conditions must have existed for several years. Several of the drives were resurfaced, requiring 50 squares macadam and 6 carloads of chats.

Fifty loads of cinders were hauled from the Water Works and spread on the footpaths.

The barn has been repaired and painted. A new fence was built around the barn, forming a paddock for the stock.

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The old shelter pavilion, observation tower and music pavilion have been repaired and are to be painted shortly. The old O'Fallon Mausoleum was torn down and the stone used for building steps leading down to the spring.

The fences are in a deplorable state, and on the east and north sides there are practically no fences at all.

A new shelter pavilion was erected near the picnic grounds, costing $2,663.25.

Five hundred young trees were purchased and planted. About 60 medium-sized elm trees, which stood in a dense clump in the southwest corner of the park, were lifted and transplanted throughout the park, and all are growing.

PAGE AVENUE PLACE.

This place has only recently been put under the jurisdiction of this department. It is a long, narrow strip of land, and was formerly a mud road. It has been graded, shaped up and seeded. 218 young maple trees were planted, of which all but three are growing.

ST. LOUIS PLACE.

It is located in the northern part of the city, and is a chain of four separate parks. The walks in these parks have all been resurfaced and the lawns reseeded.

Seventy-five new trees were planted wherever it was deemed necessary.

The music pavilion was repaired and painted. The old wooden flagstaff in No. 1 was blown down last winter, and should be replaced with a new steel flagstaff.

These parks have been generally maintained, and are in good condition.

I might suggest that a new fence be erected on the east side, as in many places there is practically no fence at all.

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LACLEDE PARK.

This park is located in the southern part of the city, and contains 3.17 acres. It has been generally maintained and is in a fair condition. No new improvements were made, as the appropriation here barely permitted proper maintenance.

The walks were resurfaced with a few loads of cinders, and 124 young trees were planted last fall.

The fences are in very bad condition, and should be replaced with new iron fences.

FOREST PARK BOULEVARD.

It has been generally maintained, and is at present in a very good condition. No new trees or shrubs were planted in the past year.

Heretofore this place has never had any floral display, and we have made preparations for same and have also placed a number of new street washers in.

WASHINGTON, OR CITY HALL SQUARE.

Washington, or City Hall Square, is located in the central part of the city.

Considering the location and obstacles we have to contend with, these grounds are in an excellent condition. 2,500 additional hedge plants were planted on the south side and 142 young trees were planted last fall, over half of which are growing. Ever since the establishing of these grounds, no one has ever been able to grow trees here.

SOUTH ST. LOUIS SQUARE.

This park is located in the extreme southern part of the city and is generally considered more of a playground than a park. The lawns have been reseeded and are in a pretty fair condition.

This park covers an area of 1.66 acres and has an abundance of beautiful shade trees.

The north, south and west sides should have new fences, for which appropriations have been asked.

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SUPERINTENDENT'S REPORT.

HON. ROBERT AULL, Park Commissioner:

Dear Sir—I desire to call your attention to the condition of the public parks from the time of my appointment, July 1, 1903, to the end of the fiscal year, April 13, 1904, and also to briefly describe the various improvements made during that time.

I believe the parks have been slightly overlooked in the way of increased appropriations. Not wishing to cast any reflection upon our previous administration, I regret to say that the condition of our public parks does not compare favorably with the standard of other cities; but this can only be attributed to the inadequate appropriations, and a low wage scale created way back in the seventies and still in vogue at the present time. Since the adoption of the wage scale, the price of all commodities as well as labor has increased, hence our inability to procure able-bodied and experienced help at the present time, and especially this year with a World's Fair in our midst which has attracted all men skilled in park work.

At the time of my introduction in office, all of the flower beds had already been planted and the plants were in a healthy condition; credit is due Mr. Pape and his staff of gardeners for the artistic manner in which the work was executed.

The drives were very badly worn down, required resurfacing and in many instances new subfoundations.

All of the lakes in the various parks were and are still in a very bad condition, and I have argued that special appropriations be made to replace the old wood retaining walls with concrete.

From personal observation I find that most of the trees and shrubs have not been pruned for several years, and I at first attributed this to negligence of my predecessors, but after attempting to do this slow and tedious work, I found to my surprise that the funds allowed for this work were entirely inadequate to accomplish anything in the brief space of time in which this particular work must be done.

The shrubs also have never been cultivated or mulched, allowing the grass to grow up to their stems, which naturally deprived them of much nourishment. I have called the attention of all keepers and others in charge to this fact and persistently urged that it be done.

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The loss of old trees, especially forest and conifers, in the past year is something frightful, and can only be attributed to the advancing strides of civilization.

I presume nine-tenths of the fuel used in St. Louis is bituminous coal, and in spite of the rigid laws enforced by the authorities, compelling all large consumers of fuel to use smoke-consuming devices, there is at all times perceptible a heavy veil or cloud of smoke hanging over the city. This is certainly a very detrimental and deadly enemy to the growth of all vegetatives.

Immediately south of our largest park (Forest Park) many manufactories, brick yards and railroad yards have been erected in the past few years, and the smoke and sulphur fumes which are carried into the park by the south winds are destroying many trees in this, our most beautiful and world-renowned park.

Over one thousand dead trees have been cut down in the past year, and from this it can readily be seen that the parks are being rapidly depleted, and heroic measures will have to be resorted to if we are to save these grand old trees.

The River Des Peres in Forest Park has given us no end of trouble since the completion of the Cabanne District overflow sewer, which empties into the river near the Union Avenue entrance, and which has a blighting effect upon the park.

Invariably after every overflow, the receding waters leave a deposit of dirt, slime and a large quantity of driftwood and rubbish, which lodges against the trees and shrubs, making a very unsightly appearance and causing a tremendous amount of work removing same, when sufficiently dry to get over with a team.

Upon housing the large palms and decorative plants in the fall, I found the old palm-house entirely too low to receive the tall plants, and it was necessary to excavate two feet or more out of the ground floor, consequently I have urged the erection of a new palm-house, of which description and detail will be given later on in this report.

Before closing these introductory remarks, I desire to thank the Keepers and Overseers for the loyal support which they have so kindly rendered.

Very respectfully,

ANDREW MEYER, JR.,
General Superintendent.

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BEDDING PLANTS.

Achyranthes Lindeni	5,000	Cypress Alternifolius	250
Acalypha Wilkesiana	2,000	Echeveria Secunda Glanca	6,000
Agave	110	Echeveria Metalica	50
Ageratum	4,000	Ferns, Assorted	1,000
Alocasia	300	Ficus Elastica and Nidita	60
Alternanthera Aurea	8,000	Fuchsia	200
Alternanthera Amoena	10,000	Geraniums, Assorted	14,000
Alternanthera Spatulaba	6,000	Gomphrena Globosa	300
Alternanthera Variegata	6,000	Hibiscus Chinensis	250
Alyssum, Sweet	200	Lantana	300
Anthericum Variegata	400	Musa Ensete	100
Amomum Cinnamonnum	750	Palms, Assorted	180
Araucaria Excelsa	25	Pandanus Veitchii and Utilis	75
Ampelopsis Veitchii	300	Pennisetum Ruppelianum	2,000
Artemisia Stelleriana	2,000	Longistylum	200
Asparagus Sprengeri	160	Petunias	2,000
Aspidistra Elatior	30	Perostrophia	10,000
Begonias, Assorted	1,200	Phyllanthus Nivosus	50
Caladium Esculentum	500	Plumbago Capensis	50
Caladium Violaceum	80	Pyrethrum Aureum	1,500
Caladium, Fancy	30	Salvia Splendeus	2,000
Cactus, Assorted	100	Salvia Officinalis Variegata	1,000
Cannas, Assorted	5,000	Santoline Cupressoides	10,000
Celosia Plumosa and Cristota	300	Sedum Carneum Variegatum	8,000
Coleus, Assorted	12,000	Vinca Major Variegata	70
Crotons	700	Vinca Alba	1,500
Cycas Revoluta	35	Thalinum Patens	500

HERBACEOUS PLANTS.

Helianthus Multiflorus	100	Dianthus Barbatus	700
Hibiscus Mosheubos	150	Stocks	100
Salvia Argentea	100	Hollyhocks	300
Rudbeckia Bicolor	200	Oenothera Drumondi	200
Veronica, Mixed	250	Iris Kæmpheri	200
Coreopsis Lanceolata	200	Pansies	2,000
Digitalis Purpurea	100	Roses in Pots	4,000
Anthennis Tinctoria	200	Roses, Crimson Rambler	200

AQUATICS.

Victoria Trickeri	40	Nymphæa Devoniensis	50
Euryale Ferox	15	Nymphæa Rubra	12
Nymphæa Alba Candidissima	12	Nymphæa Frank Trelease	3
Nymphæa Flava	6	Nymphæa Lotus	50
Nymphæa Gladstoniana	12	Nymphæa O'Marana	30
Nymphæa Laydeckeri Rosea	12	Nymphæa Sturtevanti	6
Nymphæa Marliacea Chromatella	12	Eiophornia Crassipes Major	200
Nymphæa Tuberoso Richardsoni	6	Limnocharis Humboldti	200
Nymphæa Pulcherrima	12	Myriophyllum Proserpinacoides	25
Nymphæa Zanzibariensis Azurea	24	Pistia Stratiotes	25
Nymphæa Zanzibariensis Rosea	24	Thalia Dealbata	50

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FOREST PARK.

Appropriation		$61,011 88
EXPENDITURES.		
Salaries and wages	$37,603 71	
Tools, materials, trees, shrubs, buildings, lumber, maintenance and general supplies	17,921 91	
Balance (carried over to meet cont.)	5,486 26	
		$61,011 88

BENTON PARK.

Appropriation		$ 2,656 65
EXPENDITURES.		
Salaries and wages	$ 1,876 46	
Tools, supplies, trees	778 65	
Balance	1 54	
		$ 2,656 65

CARONDELET PARK.

Appropriation		$10,028 97
EXPENDITURES.		
Salaries and wages	$ 3,684 50	
Supplies, forage, trees, maintenance, tools and repairs	5,611 02	
Balance	733 45	
		$10,028 97

CARR SQUARE.

Appropriation		$ 3,018 00
EXPENDITURES.		
Salaries and wages	$ 1,250 25	
Supplies, tools and repairs	1,115 18	
Balance	642 57	
		$ 3,018 00

FOREST PARK BOULEVARD.

Appropriation		$ 300 00
EXPENDITURES.		
Salaries and wages	$ 74 00	
Supplies, tools and repairs	44 17	
Balance	181 83	
		$ 300 00

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FOUNTAIN PARK.

Appropriation		$ 1,387 75
EXPENDITURES.		
Salaries and wages	$ 477 75	
Supplies and maintenance	909 97	
Balance	03	
		$ 1,387 75

GAMBLE PLACE.

Appropriation		$ 1,000 00
EXPENDITURES.		
Salaries and wages	$ 501 44	
Lumber, paint, hardware, fence	335 19	
Balance	163 37	
		$ 1,000 00

GRAVOIS PARK.

Appropriation		$ 1,079 35
EXPENDITURES.		
Salaries and wages	$ 775 80	
Tools, trees, repairs and supplies	303 48	
Balance	07	
		$ 1,079 35

HYDE PARK.

Appropriation		$ 2,500 00
EXPENDITURES.		
Salaries and wages	$ 1,804 12	
Tools, trees, supplies and repairs	694 86	
Balance	1 02	
		$ 2,500 00

JACKSON PLACE.

Appropriation		$ 1,378 20
EXPENDITURES.		
Salaries and wages	$ 466 00	
Supplies, tools, trees and repairs	435 72	
Granitoid walk	350 00	
Balance	126 48	
		$ 1,378 20

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KENRICK GARDEN.

Appropriation		$ 830 00
EXPENDITURES.		
Salaries and wages	$ 416 00	
Fence, tools, supplies, repairs	398 57	
Balance	15 43	
		$ 830 00

LACLEDE PARK.

Appropriation		$ 1,007 04
EXPENDITURES.		
Salaries and wages	$ 672 00	
Supplies, tools and repairs	327 91	
Balance	7 13	
		$ 1,007 04

LYON PARK.

Appropriation		$ 1,700 00
EXPENDITURES.		
Salaries and wages	$ 1,207 50	
Supplies, tools and repairs	475 05	
Balance	17 45	
		$ 1,700 00

O'FALLON PARK.

Appropriation		$10,207 36
EXPENDITURES.		
Salaries and wages	$ 4,648 61	
Pavilion	2,695 65	
Macadam, lumber, paints, supplies, tools and repairs	2,442 48	
Trees, seed and forage	379 80	
Balance	40 82	
		$10,207 36

ST. LOUIS PLACE.

Appropriation		$ 5,137 50
EXPENDITURES.		
Salaries and wages	$ 3,427 75	
Paints, tools, supplies, fencing and repairs	1,703 36	
Balance	6 39	
		$ 5,137 50

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SOUTH ST. LOUIS SQUARE.

Appropriation		$ 800 00
EXPENDITURES.		
Salaries and wages	$ 565 37	
Tools, supplies and repairs	221 94	
Balance	12 69	
		$ 800 00

WASHINGTON SQUARE.

Appropriation		$ 4,000 00
EXPENDITURES.		
Salaries and wages	$ 2,019 11	
Tools, supplies, repairs, plants, seeds and trees	1,754 78	
Balance	226 11	
		$ 4,000 00

PARK COMMISSIONER.

Appropriation		$11,217 00
EXPENDITURES.		
Salaries—Commissioner, superintendent, clerks and engineer	$ 7,200 00	
Expenses—Office expenses, furniture, printing and stationery, etc	1,709 30	
Keeping and shoeing horses, repairing vehicle and harness	486 35	
Car tickets	30 00	
Page Ave	143 36	
Balance	1,647 99	
		$11,217 00

CONCERTS IN PUBLIC PARKS.

Appropriation		$ 6,000 00
EXPENDITURES.		
Cost of concerts	$ 5,786 00	
Balance	214 00	
		$ 6,000 00

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TOTAL COST OF PARKS IN ST. LOUIS, MO.—PARKS IN CHARGE OF THE PARK COMMISSIONER.

PARKS.	Area in Acres.	How and When Acquired.	Year.	Cost of Purchase.	Improvements and Maintenance.	Total Cost.
Benton Park	14.30	From City Commons	1866	$.....	$ 121,176 60	$ 121,176 60
Carondelet Park	180.00	By purchase	1875	140,570 10	210,296 63	350,866 73
Carr Square	2.30	By donation	1842	.....	67,059 04	67,059 04
Dakota Park	3.17	From City Commons	1812	.....	3,037 24	3,037 24
Forest Park	1,371.94	By purchase	1874	849,058 61	1,557,975 08	2,407,033 69
Forest Park Boulevard	4.33	By donation	1899	.....	1,093 94	1,093 94
Fountain Park	1.50	By donation	1889	.....	8,663 74	8,663 74
Gamble Place	1.15	Donated by city	1874	.....	24,391 33	24,391 33
Gravois Park	8.20	From City Commons	1842	.....	38,893 79	38,893 79
Hyde Park	11.84	By purchase	1854	36,250 00	133,573 87	169,823 87
Indiana Avenue and Utah Street	1.75	Donated by city	1899	.....	.....	.....
Jackson Place	1.62	By donation	1879	.....	37,995 07	37,995 07
Kentrick Garden	0.72	Donated by city	1896	.....	2,425 28	2,425 28
Laclede Park	3.17	From City Commons	1812	.....	31,430 71	31,430 71
Lyon Park	10.92	United States donation	1872	.....	49,689 95	49,689 95
O'Fallon Park	158.32	By purchase	1875	259,065 33	337,125 87	596,191 20
St. Louis Place	13.88	By donation	1850	.....	155,891 01	155,891 01
South St. Louis Square	1.66	Donated by city	1882	.....	7,326 73	7,326 73
Washington Square	6.00	By purchase	1840	25,000 00	95,432 18	120,432 18
Total	1,796.77			$1,309,944 04	$2,883,478 06	$4,163,422 00

PARKS IN CHARGE OF SPECIAL COMMISSIONERS.

Lafayette Park	29.95	From City Commons	1844	.....	.....	.....
Tower Grove Park	206.67	Donation	1868	.....	.....	.....
Missouri Botanical Garden	50.00	Donation	1890	.....	.....	.....
Compton Hill Reservoir Park	40.00	Water Department	....	.....	.....	.....
Total	2,183.39			.....	.....	.....

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The following are the appropriations, expenditures and balances of this Department during the year ending April 13, 1904:

PARKS.	Appropriations.	Expenditures.	Balances.
Park Commissioner, Salary, Expense, Stationery, Printing, and including Five Hundred for Imp. of Page Ave.	$11,217 00	$ 9,569 01	$1,647 99
Benton Park	2,656 65	2,655 11	1 54
Carr Square	3,018 00	2,375 43	642 57
Carondelet Park	10,028 97	9,295 52	733 45
Forest Park	51,012 71	51,011 88	88
Forest Improvements, Alterations, etc.	10,000 00	4,513 74	5,486 26
Forest Park Boulevard	300 00	118 17	181 83
Fountain Park	1,387 75	1,387 72	03
Gamble Place	1,000 00	836 63	163 37
Gravois Park	1,079 35	1,079 28	07
Hyde Park	2,500 00	2,498 98	1 02
Jackson Place	1,378 20	1,251 72	126 48
Laclede Park	1,007 04	999 91	7 13
Lyon Park	1,700 00	1,682 55	17 45
O'Fallon Park	10,207 36	10,166 54	40 82
St. Louis Place	5,137 50	5,131 11	6 39
South St. Louis Square	800 00	787 31	12 69
Washington Square	4,000 00	3,773 89	226 11
Kenrick Garden	830 00	814 57	15 43
Concerts in Parks	6,000 00	5,786 00	214 00

Respectfully submitted,

ROBERT AULL, Park Commissioner.

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ANNUAL REPORT

——OF THE——

Special Tax Department

——FOR THE——

FISCAL YEAR ENDING APRIL 11, 1904.

St. Louis, April 11, 1904.

Hon. Hiram Phillips,
President Board of Public Improvements.

Dear Sir—I have the honor to submit herewith a tabular statement of assessments of special taxes for the fiscal year ending April 11, 1904. During that time 32,950 special tax bills were issued, amounting in the aggregate to the sum of $3,192,185.18. The assessment of the sprinkling tax for the season of 1904 amounted to $185,802.00 and 86,216 bills were issued at an average rate of 3.7863 cents per linear foot.

The recent decisions of the Supreme Court affecting the validity of street assessments on account of the improper location of the district lines, will compel me to make new and corrected assessments in all cases where said lines have been erroneously drawn and to re-issue special tax bills in strict conformity with said decisions.

Respectfully,
JOSEPH PASQUIER,
Assessor of Special Taxes.

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IMPROVEMENT OF STREETS WITH VITRIFIED BRICK.

NATURE OF WORK.	NAME OF STREET.	CONTRACTOR.	Ordinance.	Contract.	Amount.
Paving with Vit. Pav. Br.	Improvement of Oregon av. bet. Shenandoah av. and Accomac st.	Henry Ruckert	20681	6285	$ 7.316 87
" " "	Improvement of Nagel av. bet. Michigan av. and Virginia av....	Gilsonite Const. Co.....	20682	6329	3.656 47
" " "	Improvement of Cook av. bet. Newstead av. and Taylor av.....	Heman Const Co.....	20688	6287	14.719 57
" " "	Improvement of 23rd st. from Mallinckrodt st. to Farrar st.....	Gottlieb Eyermann	20684	6331	9.395 03
" " "	Improvement of Page boul. from Kingshighway to Union boul...	Gilsonite Const. Co.....	20722	6249	37.494 03
" " "	Improvement of Euclid av. bet. Kingshighway boul. & Scott av..	Mo. Granite & Const. Co.	20857	6451	2.699 39
" " "	Improvement of Texas av. bet. Miami st. and Potomac st.....	Henry Ruckert	20677	6283	7.447 51
" " "	Improvement of Florissant av. bet Grand av. and Warne av....	The Parker Washington Co	20664	6218	19.445 78
" " "	Improvement of Vandeventer av bet. Ashland av. & Nat. Br. rd.	J. E. Perkinson.....	20937	6479	8.382 11
" " "	Improvement of Pennsylvania av. bet. Cherokee st. & Juniata st.	Fruin & Colnon.....	20930	6478	22.992 47
" " "	Improvement of Walton av. bet. Page boul. and Easton av.....	The Parker Washington Co.	21079	6564	9.865 78
" " "	Improvement of 19th st. bet. Madison st. and North Market st...	Commonwealth Const. Co.	20785	6333	4.781 95
" " "	Improvement of West End av. bet. Cook av. and Page boul.....	The Parker Washington Co.	21078	6566	2.833 54
" " "	Improvement of Academy av. bet. Page boul. and Easton av.....	M. Sullivan & Sons.....	21209	6656	14.221 38
" " "	Improvement of Clarendon av. bet. Delmar and Page bouls.....	Mo. Granite & Const. Co.	20678	6268	31.154 47
" " "	Improvement of Pleasant st. bet. Bailey av. and Kossuth av.....	J. E. Perkinson.....	20786	6334	5.472 43
" " "	Improvement of Walton av. bet. Delmar boul. and Page boul....	Morey Eng. & Const. Co..	20929	6477	31.253 21
" " "	Improvement of McNair av. bet. Shenandoah av. and pt. 225 ft. s. of Ann av.	Rich Construction Co.....	20928	6476	4.337 07
" " "	Improvement of Magnolia av. bet. Pennsylvania av & Grand av.	Mo. Granite & Const. Co	20890	6490	34.187 81
" " "	Improvement of Academy av. bet. Delmar boul. and Page boul..	Heman Const. Co.....	20690	6244	34.001 33
" " "	Improvement of Blair av. bet. Newhouse av. and Ferry st.....	J. E. Perkinson.....	20992	6534	15.851 46
" " "	Improvement of Meramec st. bet. Broadway and California av..	H. Ruecking & Co.....	21070	6548	10.425 43
" " "	Improvement of St. Louis av. bet. Euclid av. and Union boul....	Gilsonite Const. Co.....	20939	6480	22.513 62
" " "	Improvement of Newstead av. bet. St L. & S. Ry. R. of W. and Easton av.	Gottlieb Eyermann	21080	6552	23.158 59
" " "	Improvement of Evans av. from Prairie av. to Vandeventer av..	Chopin & Greever.....	20991	6533	11.281 13
" " "	Improvement of California av. from Shenandoah to Russell avs	Commonwealth Const. Co.	20787	6335	9.975 73
" " "	Improvement of Sarah st. bet. Duncan av. and Laclede av.....	Mo. Granite & Const. Co.	20859	6450	6.848 45
" " "	Improvement of California av. bet. Cherokee st. & Magnolia av.	Fruin & Colnon.....	20858	6441	27.109 59
" " "	Improvement of Lincoln av. bet. Warne av. and Sarah st.....	Gottlieb Eyermann	21061	6550	8.398 80
" " "	Improvement of Cleary av. bet. Dickson st. and Cass av.....	M. Sullivan & Sons.....	21100	6598	6.594 83
" " "	Improvement of Audubon av. bet. Taylor av. and Euclid av.....	Heman Const. Co.....	20685	6286	11.933 51
" " "	Improvement of Cass av. from 660 ft. w. of w. l. of Grand av. to Easton av.	Gilsonite Const. Co.....	20966	6482	8.134 37
" " "	Improvement of Vest av. bet. Salisbury st. and Glasgow av.....	J. E. Perkinson.....	21076	6551	18.892 09
" " "	Improvement of Bismarck st. bet. Dorcas st. and Lynch st.....	Commonwealth Const. Co	20683	6330	6.884 29
" " "	Improvement of Labadie av. bet. Lambdin av. & Newstead av...	Gilsonite Const. Co.....	20960	6481	18.080 43
" " "	Improvement of Hartford st. bet. Arkansas av. and Grand av...	Gottlieb Eyermann	21210	6658	6.520 71
" " "	Improvement of Meramec st. bet. California av. and Grand av...	H. Ruecking & Co.....	21069	6549	24.628 10
					$542.889 33

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IMPROVEMENT OF STREETS WITH ASPHALT.

NATURE OF WORK.	NAME OF STREET.	CONTRACTOR.	Ordinance.	Contract.	Amount.
Paving with Asphalt.....	North Market st. from Spring av. to Sarah st.....	Barber Asphalt Pav. Co..	20948	6472	$29.015 84
" " "	Minerva av. bet. Kingshighway boul and Union boul.....	Parker Washington Co...	21117	6610	28.961 54
" " "	Tower Grove av. bet. Old Manchester road and Manchester av..	" " ..	21092	6606	20.246 62
" " "	Michigan av. bet. Cherokee st. and Wyoming st.....	Barber Asphalt Pav. Co..	20913	6459	13.837 40
" " "	Berlin av. bet. Newstead av. and Taylor av.....	" " ..	20967	6473	11.285 14
" " "	Newstead av. bet. Clayton av. and Forest Park boul.....	" " ..	20872	6432	17.781 06
" " "	Tennessee av. bet. Magnolia av. and Shenandoah av.....	" " ..	20935	6471	14.111 42
" " "	Wells av. bet. Academy av. and Union boul.....	" " ..	21118	6593	11.806 02
" " "	Oregon av. bet. Utah st. and Wyoming st.....	Parker Washington Co...	21114	6607	6.477 51
" " "	Talmage av. bet. Old Manchester rd. and Manchester av.....	" " ..	20911	6457	6.358 91
" " "	Arlington av. bet. Easton av. and North Market st.....	Barber Asphalt Pav. Co..	20933	6469	18.087 26
" " "	Highland av. bet. Hamilton av. and Hodiamont av.....	" " ..	20910	6456	8.931 90
" " "	Fountain av. bet. Walton av. and Kingshighway boul.....	" " ..	21024	6518	29.755 49
" " "	Utah st. bet. Jefferson av. and California av.....	Parker Washington Co...	21116	6609	13.501 92
" " "	Arlington av. bet. Page boul and Easton av.....	Barber Asphalt Pav. Co..	20934	6470	23.152 10
" " "	Hebert st. bet. 21st st. running N. of Hebert st. and Parnell st...	" " ..	21020	6518	26.328 29
" " "	Gibson av. bet. Manchester av. and Kingshighway boul.....	" " ..	20886	6454	35.664 56
					$315.302 98

IMPROVEMENT OF STREETS WITH GRANITE.

Paving with Granite Blks.	Jefferson av. bet. St. Louis av. and Hebert st.....	P. W. Schneider, Jr.....	20826	6371	$14.199 14
" "	O'Fallon st. from Wharf to Lewis st.....	J. C. Finck, Jr.....	20784	6337	1.169 23
					$15.368 37

IMPROVEMENT OF STREETS WITH BITUMINOUS MACADAM.

Pav with Bitum. Macad.	Maple av. bet. Hamilton av. and Hodiamont av.....	Granite Bit. Paving Co.	20943	6520	$18.865 58
" " "	Marcus av. bet. Page boul. and Easton av.....	" " "	20997	6523	10.140 83
" " "	Marcus av. bet. Easton av. and Ashland av., E. of Marcus av....	" " "	20998	6524	58.188 77
" " "	Whittier st. bet. Easton av. and Kennerly av.....	" " "	20994	6521	31.558 60
" " "	Vernon av. bet. West End av. and Walton av.....	" " "	20995	6547	12.214 48
" " "	Hodiamont av. bet. Maple av. and Etzel av.....	" " "	21126	6602	19.045 26
					$150.013 52

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RECONSTRUCTION OF STREETS WITH WOOD BLOCKS.

NATURE OF WORK.	NAME OF STREET.	CONTRACTOR.	Ordinance.	Contract.	Amount.
Pav. with Yel. Pine Blks.	Washington boulevard from Pendleton av. to Taylor av.	Parker Washington Co.	20637	6229	$22.692 41
" " "	Westminster Place from Vandeventer av. to Sarah st.	" " "	20926	6483	16.428 48
" " "	Westminster Place from Sarah st. to Walton av.	" " "	20927	6484	33.217 72
					$73.338 61

RECONSTRUCTION OF STREETS WITH VITRIFIED BRICK.

Pav. with Vitrified Brick.	Leonard av. from Morgan st. to Easton av.	Morey Eng. & Const. Co.	20624	6235	$19.881 94
" " "	Eighteenth st. from Lafayette av. to Park av.	Fruin & Colnon	20674	6443	12.998 84
" " "	Newstead av. from McPherson av. to Westminster Place	Commonwealth Const. Co.	20783	6336	2.027 11
" " "	Boyle av. from Laclede av. to Olive st.	O. C Chapin	20903	6289	12.242 17
" " "	Cass av. from Jefferson av. to Garrison av.	Morey Eng. & Const. Co.	20968	6535	27.885 60
" " "	Shenandoah av. from Jefferson av. to Nebraska av.	Mo. Granite Const. Co.	21068	6553	22.333 14
" " "	Cherokee st. from Lemp av. to Jefferson av.	Commonwealth Const. Co.	20782	6373	14.883 74
" " "	Cass av. from Garrison av. to Grand av.	Morey Eng. & Const. Co.	20969	6536	29.388 89
" " "	Cass av. from Grand av. to pt. 660 ft. w. of w. l. Grand av.	" " "	20970	6537	11.006 77
					$152.648 20

RECONSTRUCTION OF STREETS WITH GRANITE BLOCKS.

Paving with Granite Blks.	Gravois av. from Jefferson av. to Arsenal st.	Parker Washington Co.	20876	6446	$35.477 12
" " "	Biddle st. from Wharf to Broadway.	" " "	21101	6614	17.200 38
" " "	Poplar st. from Broadway to Seventh st.	Henry Ruckert	21083	6557	7.101 93
" " "	Gratiot st. from 7th st. to pt. 186 ft. w. of 10th st. run s. of Gratiot st	Mo. Granite Const. Co.	21081	6555	19.153 82
" " "	Poplar st. from Fourth st. to Broadway.	J. C. Finck, Jr.	21082	6556	2.622 57
" " "	Gravois av. from 18th st. to Jefferson av.	Parker Washington Co.	20875	6445	50.260 30
" " "	Broadway from Chippewa st. to Miami st.	" " "	20873	6444	27.338 59
" " "	Spruce st. from 12th st. to 14th st.	J. C. Finck, Jr.	20879	6466	12.907 73
" " "	Jefferson av. from Carr st. to Cass av.	Parker Washington Co.	21066	6563	21.732 13
" " "	North Market st. from First st. to Broadway.	" " "	21122	6615	20.781 70
					$214.576 27

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RECONSTRUCTION OF STREETS WITH ASPHALT.

NATURE OF WORK.	NAME OF STREET.	CONTRACTOR.	Ordinance.	Contract.	Amount.
Paving with Asphalt.....	Grand av. from Lafayette av. to Papin st.....	Gilsonite Roof. & Pav. Co.	20666	6221	$37.440 51
" " "	Broadway from Market st. to Chestnut st.....	" " "	20843	6438	2.355 28
" " "	Eighth st. from Market st. to Washington av.....	Barber Asphalt Pav. Co..	20851	6436	7.775 90
" " "	Ninth st. from Cass av. to Hempstead st.....	" " ..	20880	6460	16.580 18
" " "	Lawton av. from Jefferson av. to Grand av.....	" " ..	20965	6474	39.470 07
" " "	Ninth st. from Hempstead av. to Branch st.....	" " ..	20881	6461	71.599 49
" " "	Grand av. from Manchester av. to Laclede av.....	Gilsonite Roof. & Pav. Co.	20665	6223	8.962 87
" " "	St Louis av. from Broadway to 15th st.....	Barber Asphalt Pav. Co..	20883	6463	29.165 96
" " "	Twelfth st. from Washington av. to Lucas av.....	Parker Washington Co...	21094	6611	2.192 68
" " "	W. S. Twelfth st. from St. Charles st. to Washington av.....	" " ..	20853	6433	2.313 78
" " "	Broadway from Clark av. to Market st.....	Gilsonite Roof. & Pav. Co.	20866	6440	5.827 03
" " "	Ninth st. from Branch st. to Bremen av.....	Barber Asphalt Pav. Co..	20882	6462	45.286 74
" " "	High st. from Lucas av. to Franklin av.....	" " ..	21095	6594	9.454 21
" " "	Page boul. from Evans av. to Spring av. running N. of Page boul.	" " ..	21096	6595	20.573 28
" " "	Broadway from Chestnut st. to St. Charles st.....	Gilsonite Roof. & Pav. Co.	20865	6439	7.475 56
" " "	Sixth st. from Market st. to Washington av.....	Barber Asphalt Pav. Co..	20850	6435	6.997 21
" " "	Fifteenth st. from Washington av. to Franklin av.....	" " ..	21097	6596	9.804 99
" " "	Twelfth st. from Lucas av. to Franklin av.....	Parker Washington Co...	21120	6613	7.816 11
" " "	Sixteenth st. from Washington av. to Franklin av.....	" " ..	21119	6612	9.650 51
" " "	Twentieth st. from Market st. to Washington av.....	" " ..	20854	6434	13.993 46
					$354.735 82

RECONSTRUCTION OF STREETS WITH BITUMINOUS MACADAM.

Pav. with Bitum. Macad.	West Pine boul. from Spring av. to Kingshighway boul.....	Granite Bit. Paving Co...	20822	6525	$104.591 30
" " "	West Pine boul. from Grand av. to Spring av.....	" " " ..	20821	6372	12.233 79
" " "	Delmar boul. from Kingshighway boul. to Union boul.....	" " " ..	20942	6527	33.366 85
" " "	Delmar boul. from Vandeventer av. to Taylor av.....	" " " ..	21008	6530	68.760 39
" " "	Jefferson av. from Lafayette av. to Park av.....	" " " ..	21157	6660	17.303 96
" " "	Delmar boul. from Grand av. to Vandeventer av.....	" " " ..	21011	6529	25.051 45
					$261.307 74

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CONSTRUCTING NEW SIDEWALKS.

NATURE OF WORK.	NAME OF STREET.	CONTRACTOR.	Ordinance.	Contract.	No. of sq. ft.	Amount.
Pav. with Art. Stone Flag.	W. S. Whittier st. bet. Page boul. and Easton av.	Wm. R. Bush Const. Co.	21016	6587	1056.20	$ 205 55
" " "	E. & W. sides Aubert av. bet. n. l. St. L. & S. Ry. Co.'s R. of W. and Easton av.	" " "	21018	6589	1834.20	293 42
" " "	St. Louis av. bet. Lambdin av. and Taylor av.	" " "	21017	6588	10,403.30	1,811 33
" " "	W. S. Gano av. bet. Carter av. and Florissant av.	Heman Construction Co.	20976	6570	150.00	25 80
" " "	N. & S. sides of John av. bet. Emily st. and Florissant av.	" " "	20975	6578	1,939.60	347 84
" " "	N & S. sides of Dunnica av. bet. Louisiana av. and Arkansas av.	Wm. R. Bush Const. Co.	20981	6581	2,181.60	390 58
" " "	N. S. of Castleman av. from Tower Grove av. E. to alley, a distance of about 200 ft.	" " "	21019	6590	900 00	149 06
" " "	E. & W. S. of Prairie av. bet. Kossuth av. and 20th st.	Harry F. Heman	20977	6567	5,565.60	1,064 18
" " "	S. S. Garfield av. bet. Cora av. and alley E. of Cora av.	" "	21012	6569	657.00	142 20
" " "	N. & S. S. of Farlin av. bet. Redbud av. and Turner av.	" "	20984	6568	5,171.90	1,020 12
" " "	E. & W. S. of Louisiana av. bet. Meramec st. and Chippewa st.	Wm. R. Bush Const. Co.	21056	6591	21,821.20	3,664 91
" " "	E. & W. S. of Texas av. bet. Keokuk st. and Chippewa st.	" " "	21058	6573	1,249.30	194 50
" " "	S. S. of Keokuk st. bet. Missouri av. and Broadway.	" " "	21059	6574	911.60	142 00
" " "	E. & W. S. of Euclid av. bet. Wabash R. R. Bridge and Forest Park boul.	Harry F. Heman	21179	6644	6,410.78	1,048 76
" " "	E. & W. S. of California av. bet. Meramec st. and Magnolia av.	Wm. R. Bush Const. Co.	20987	6585	26,188.75	4,380 60
" " "	E. & W. S. of Nebraska av. bet. Meramec st. and Miami st.	" " "	20974	6577	29,055.70	5,089 67
" " "	N. S. of Labadie av. bet. Taylor av. and Newstead av.	Harry F. Heman	21189	6647	2,756.30	538 86
" " "	N. & S. S. of Fairfax bet. Newstead av. and Pendleton av.	Heman Construction Co.	20978	6579	6,471.30	1,264 37
" " "	E. & W. S. of Kingshighway boul. from Lindell bl. to Easton av.	Harry F. Heman	21174	6642	6,975.40	1,456 81
" " "	E. &. W. S. of Pennsylvania av. bet. Neosho st. and Osceola st.	Gottlieb Eyermann	21196	6648	10,089.20	1,700 67
" " "	E. S. Kingshighway boul. bet. Forest Park boul. & Lindell boul.	Harry F. Heman	21186	6646	5,711.80	1,040 75
" " "	N. & S. S. Cote Brilliante av. bet. Union boul. and Arlington av.	Heman Construction Co.	20982	6582	10,850.00	2,586 40
" " "	N. & S. S. St. Ferdinand av. bet. Taylor av. and Marcus av.	Gilsonite Const. Co.	21184	6653	8,737.70	2,156 41
" " "	N. & S. S. Farlin av. bet. Turner av. and Newstead av.	Harry F. Heman	21176	6643	10,414.30	1,922 52
" " "	E. & W. S. of Louisiana av. bet. Magnolia av. and Sidney st.	Gottlieb Eyermann	21181	6645	4,832.40	865 74
" " "	N. & S. S. of Linton av. bet. Emily st. and Florissant av.	Heman Construction Co.	20971	6575	4,849.60	863 83
" " "	E. & W. S. of Ohio av. bet. Osage and Chippewa st.	Wm. R. Bush Const. Co.	20983	6583	6,785.90	1,214 50
" " "	E. & W. S. of Oregon av bet. Chippewa st. and Miami st.	" " "	20973	6576	7,400.50	1,460 79
" " "	E. & W. S. of Michigan av. from Itaska st. to Neosho st.	Gottlieb Eyermann	21173	6641	2,491.30	414 88
					203,862.43	$37,447 07

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IMPROVEMENT OF ALLEYS WITH VITRIFIED PAVING BRICK.

City Block.	DESCRIPTION OF WORK.	CONTRACTOR.	Ordinance.	Contract.	Amount.
1886	E. & W. alley from Bacon st. to Coleman st. bet. Magazine st. and North Market st.....	Heman Const. Co.....	20703	6257	$ 726 02
1387	North. E & W. alley from Mississippi av. to McNair av. 120 ft. S. of and parallel to Ann av.	Commonwealth Const. Co.	20708	6344	2.173 87
4838	Alley from Kingshighway boul. to Academy av. bet. Morgan st. and Kensington av.....	Heman Const. Co.....	20693	6252	3.898 69
1260	Alley from California av. to Ewing av. bet. Hickory st. and Lasalle st.....	Commonwealth Const. Co.	20893	6502	1.328 67
1848	E. & W. alley from Lemingwell av. to Glasgow av. bet. Madison st. and Magazine st.....	G. A. Heman.....	20907	6498	1.669 62
676	Alley from Dolman st. to 18th st. bet. Allen av. and Geyer av.....	Commonwealth Const. Co.	20709	6345	1.167 58
821N	Alley from Emmet st. to Lafayette av. bet. Dolman st. and 18th st.....	" " "	20705	6343	2.065 17
1761	Alleys bet. Jefferson av., Texas av., Wyoming st. and Arsenal st.....	" " "	20919	6514	4.498 62
1971	Alley from Crittenden st. to Pestalozzi st. bet Missouri av. and Indiana av.....	" " "	20696	6338	1.157 57
3353	Alley from Carter av. to Florissant av. bet. Prairie av. and De Soto av.....	Skrainka Const. Co.....	20901	6493	2.761 51
2304 & 2305	Alley from 22nd st. to 23rd st. bet. O'Fallon st. and Dickson st.....	G. A. Heman.....	20961	6499	2.175 60
1165	Alleys bet. 20th st., 21st st., Farrar st. and Bremen av.....	Harry F. Heman.....	20920	6497	2.221 78
2063	Alley from Arsenal st. to Crittenden st. bet. Pennsylvania av. and Minnesota av.....	Harry F. Heman.....	20938	6516	1.373 72
3883	Alley from Euclid av. to Kingshighway boul. bet. West Pine boul. and Lindell boul.....	Wm. R. Bush Const. Co..	21033	6519	4.252 71
4585	Alley from Spring av. to Vandeventer av. bet. Olive st. and Washington boul.....	Morey Eng. & Const. Co.	20905	6509	5.666 77
3352	Alley from Emily st. to Florissant av. bet. Prairie av. and De Soto av.....	T. E. Cavanagh.....	20900	6495	2.147 32
5219	Alley from Glasgow av. to Garrison av. bet Sullivan av. and Hebert st.....	" "	20918	6494	1.625 16
1311	Alleys bet. Oregon av., Russell av., Nebraska av. and Geyer av.....	Commonwealth Const. Co.	20917	6513	3.248 55
1355	Southern E. & W. alley and N. & S. alley bet. California av., Oregon av., Accomac st. and Russell av.....	" " "	20697	6339	2.933 16
1649	Alley from Chippewa st. to Winnebago st. bet Jefferson av. and Texas av.....	" " "	21028	6539	2.217 24
4946	Alley from Vandeventer av. to Lawrence st. bet. Flora av. and Russell av.....	" " "	21032	6542	2.654 70
2269	Alley from Armstrong av. to Missouri av. bet. Lasalle st. and Chouteau av.....	" " "	21029	6540	1.378 92
1804	Alleys bet. Indiana av., Jefferson av., Lynch st. and Sidney st.....	Herman Ruecking	20698	6340	4.434 08
2566	Alleys bet. Ohio av., Iowa av, Osage st. and Keokuk st.....	" "	20699	6341	3.057 30
2166	Alley from Virginia av. to Theresa av. bet. Vista av. and Caroline st.....	Commonwealth Const. Co.	20701	6342	2.924 03
4874	Alley from Sarah st. to Whittier st. bet. Delmar boul. and Morgan st.....	" " "	20898	6507	3.082 20
3914	Alley from Sarah st. to Boyle av. bet. West Pine boul. and Lindell boul.....	" " "	20899	6508	6.198 95
4566	Alley from Sarah st. to Whittier st. bet West Belle Pl. and Fairfax av.....	" " "	20914	6512	3.102 09
3744	Alley from Sarah st. to Whittier st. bet. Cook av. and Page boul.....	" " "	20894	6503	2.355 63
3733	Alley from Vandeventer av. to Sarah st. bet. Page boul. and Evans av.....	" " "	20924	6515	6.343 60
5053	Alley from Taylor av. to Marcus av. bet. McMillan av. and Lewis Place.....	" " "	20891	6501	3.610 93
3727	E. & W. alley from Pendleton av. to Newstead av. bet. Evans av. and Easton av.....	" " "	21031	6541	3.799 49
5113	Alley from Tower Grove av. to Newstead av. bet. Gibson av. and Arco av.....	" " "	20906	6510	1.739 67
5148	Alley from Academy av. to Clarendon av. bet. Vernon av. and Maple av.....	" " "	20895	6504	3.309 57
1901	Alley from Benton st. N. to pt. about 294 ft. 8 in. N. of n. l. Benton st. bet. Jefferson av. and Elliot st.....	" " "	20908	6511	1.371 30
3876	Alley from Union av. to Belt av. bet. Waterman av. and Kingsbury boul.....	McIntyre & Teese.....	21194	6662	3.958 17
					$102.629 96

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RECONSTRUCTION OF ALLEYS WITH VITRIFIED PAVING BRICK.

City Block.	DESCRIPTION OF WORK.	CONTRACTOR.	Ordinance.	Contract.	Amount.
965	Alley from 23rd st. to Jefferson av. bet. Franklin av and Wash st	G. A. Heman	20921	6500	$1,952 72
175	North. E.&W. alley from 9th st. W. to N & S. alley bet. Morgan st. and Franklin av.	" "	21035	6544	478 84
1104	E. & W. alley. from 19th st. to 20th st. bet. St. Louis av. and Wright st	Harry F. Heman	20892	6496	2,353 65
407	Alley from Calhoun st. to Emmet st. bet. 12th st. and 13th st	Commonwealth Const. Co.	20714	6347	1,457 97
406S	Alley from Geyer av to Calhoun st. bet. 11th st. and 12th st	" " "	20713	6346	869 50
					$7,112 68

RECONSTRUCTION OF ALLEYS WITH GRANITE BLOCKS.

38	Alley from Valentine st. to Spruce st. bet. First st. and Second st	Gottlieb Eyermann	21030	6545	$1,629 34
60	Southern E. & W. alley from Second st. to N. & S. alley (ab. 152 ft.) and 84 ft. N of and parallel to Market st	Parker Washington Co.	21277	6727	671 99
					$2,301 33

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CONSTRUCTION OF DISTRICT SEWERS.

DESCRIPTION OF WORK.	CONTRACTOR.	Ordinances.	Contract.	Amount.
Rock Spring Sewer District No. 11	M. A. Hogan	20867 and 20868	6448	$1.099 29
Ferry St. Sewer District No. 26	John F. McMahon	21039 and 21038	6492	570 96
Clarendon Av. Sewer District No. 4	McIntyre & Teese	20479, 20517, 21155	6193	179.665 08
Rocky Branch Sewer District No. 10	Charles Rutherford	21036 and 21037	6517	3.930 30
Fillmore St. Sewer District No. 2	H. Ruecking & Co	20474, 20475, 20887 and 20888	6100	133.436 50
Ninth St. Sewer District No. 2	Buehler-Cooney Const. Co	20847 and 20848	6369	66.002 97
				$384.705 10

CONSTRUCTION OF JOINT DISTRICT SEWERS.

Rock Spring Joint Sewer District	Hill-O'Meara Const. Co	20569 and 20779	6314	$118.451 96
Tower Grove Joint Sewer District	" " "	20568 and 20778	6298	164.772 37
Arsenal St. Joint Sewer District	Buehler-Cooney Const. Co	20545 and 20546	6197	87.222 66
Blackstone Av. Joint Sewer District	Parker Washington Co	20515, 20833, 21089 and 21167	6630	73.170 30
				$443.617 29

RE-ASSESSMENT OF STREETS.

NATURE OF WORK.	NAME OF STREET.	CONTRACTOR.	Ordinance.	Contract.	Amount.
Paving with Ref. Asphalt	Improvement of Arlington av. bet. Page boul and Easton av....	Barber Asphalt Pav. Co.	20934	6470	$23.152 10
Pav. with Bitu. Macadam	Reconstruction of W. Pine boul. bet. Grand av. and Spring av...	Granite Bit. Paving Co...	20822	6525	104.591 30
Pav. with Vitrified Brick	Improvement of Texas av. bet. Miami st. and Potomac st.....	Henry Ruckert	20677	6283	7.447 51
					$135.190 91

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RECAPITULATION.

NATURE OF WORK.	Total Amount.
Improvement of streets with Vitrified Brick	$542.889 33
Improvement of streets with Asphalt	315.302 98
Improvement of streets with Granite	15.368 37
Improvement of streets with Bituminous Macadam	150.013 52
Reconstruction of streets with Wood Blocks	72.338 61
Reconstruction of streets with Vitrified Brick	152.648 20
Reconstruction of streets with Granite Blocks	214.576 27
Reconstruction of streets with Asphalt	354.735 82
Reconstruction of streets with Bituminous Macadam	261.307 74
Constructing new Sidewalks	37.447 07
Improvement of alleys with Vitrified Paving Brick	102.629 96
Reconstruction of alleys with Vitrified Paving Brick	7.112 68
Reconstruction of alleys with Granite Blocks	2.301 33
Construction of District Sewers	384.705 10
Construction of Joint District Sewers	443.617 29
Re-assessment of Streets	135.190 91
Grand total	$3.192.185 18

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ANNUAL REPORT

——OF THE——

CITY LIGHTING DEPARTMENT

——FOR THE——

FISCAL YEAR ENDING APRIL 11, 1904.

St. Louis, Mo., April 12, 1904.

Hon. Hiram Phillips, President Board of Public Improvements:

Dear Sir—I have the honor to herewith submit report of the transactions of the City Lighting Department for the fiscal year ending April 11, 1904.

Pursuant to election as Supervisor of City Lighting by the Board of Public Improvements, July 17, 1903, I assumed charge of the City Lighting Department on August 1, 1903.

In the comparatively short time elapsed I have made a number of changes and improvements in the service and others are in process of development. The systems of lighting streets, alleys, parks and public places and public buildings have been largely extended; the laws regulating the testing, sealing and stamping of all gas meters have been made effective; a rigid inspection of the route of proposed pole lines and the subsequent erection of the poles in strict accordance with permit inaugurated, and steps have been taken to compel the removal of all wires unlawfully remaining overhead in the underground district, and to prevent entirely the promiscuous stringing of wires by unauthorized persons in any part of the city.

I call to your particular attention:

First—That the Western Union Telegraph Company and Postal Telegraph Cable Company have both failed to comply with the terms and provisions of Ordinance No. 21046, approved March 10, 1903, authorizing and directing the two companies named to place their wires underground in that part of the city bounded on the east by the Mississippi river, on the west by the west line of Twenty-second street, on the north by the north line of Wash street, on the south by the south line of Spruce street, and its prolongation to the west line of Twenty-second street, before March 10, 1904, and that the penalties fixed for such failure should be enforced.

Second—That the thirty-year contract, Ordinance No. 9456, for lighting the southern portion of St. Louis with gas expires February 24, 1905, and that arrangements should now be made for lighting the Carondelet district after said date.

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Third—That the difference between the amount paid the Welsbach Street Lighting Company of America, for lighting streets, alleys, parks and public places under Contract No. 5803, dated July 10, 1900, and what would have been paid the Kern Incandescent Gas Light Company for the same lighting under Contract No. 5596, dated February 21, 1900, and breach of contract declared June 19, 1900, has now reached an amount in excess of the bond furnished by the latter company, and that suit should be commenced to recover to the extent of the full amount of said bond.

The work of the department for the entire fiscal year 1903-1904 is shown in detail in the exhibits following:

EXHIBIT I.

HOURS OF LIGHTING REQUIRED ON STREETS, ALLEYS, PARKS AND PUBLIC PLACES, AS SPECIFIED ON TIME CARDS ISSUED MONTHLY.

Month.	Electric and Mantle Lighting.	Gas and Welsbach Lighting.	Additional Lighting During Moonlight Period.		Park Lighting by Welsbach Lamps.
			Carondelet Gas Light Company.	Welsbach Street Lighting Co. of Am.	
	Hours.	H.-M.	H.-M.	H.-M.	H.-M.
1903.					
April	305.6	195-30	43-05	55-10	155-54
May	283.3	182-15	44-50	36-05	146-51
June	256.1	159-30	26-00	14-15	131-12
July	267.9	168-10	19-25	22-25	134-33
August	296.0	184-10	43-50	66-15	149-21
September	322.2	198-05	37-40	37-40	166-48
October	371.1	232-40	31-05	51-40	196-03
November	393.1	252-55	48-00	60-30	207-12
December	425.1	268-20	50-50	126-00	218-33
1904.					
January	421.0	267-30	47-40	72-35	209-21
February	366.9	248-25	45-30	49-40	180-03
March	354.1	223-35	56-05	67-05	175-57
Totals	4,062.4	2,582-05	495-00	659-20	2,072-48

EXHIBIT II.

WEATHER.

Month.	Before 12, Midnight.			After 12, Midnight.		
	Clear.	Part Cloudy.	Cloudy.	Clear.	Part Cloudy.	Cloudy.
1903.						
April	16	1	13	15	2	13
May	17	5	9	11	10	10
June	19	5	6	22	2	6
July	25	1	5	23	.....	8
August	19	6	6	22	3	6
September	21	1	8	20	.....	10
October	17	9	5	17	9	5
November	20	.....	10	19	.....	11
December	20	1	10	18	2	11
1904.						
January	10	.....	21	14	2	15
February	17	1	11	14	.....	15
March	13	5	13	12	2	17
Totals	214	35	117	207	32	127

In the aggregate the above table shows for the year as follows:

Whole nights,	Clear,	57.5 per cent.
Whole nights,	Part cloudy,	9.2 per cent.
Whole nights,	Cloudy,	33.3 per cent.

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EXHIBIT III.

LIGHTING STREETS, ALLEYS, PARKS AND PUBLIC PLACES.

Month.	Arc Lamps.	Incandescent Lamps.	Mantle Lamps.	Welsbach Lamps.	Gas Lamps.
1903.					
April	966	741	13166	240	1411
May	966	741	13193	240	1411
June	966	741	13220	240	1410
July	969	741	13275	240	1410
August	969	742	13284	240	1409
September	969	742	13335	240	1419
October	969	742	13394	240	1419
November	970	743	13465	243	1419
December	970	743	13467	243	1419
1904.					
January	975	743	13467	243	1419
February	975	743	13470	243	1419
March	977	744	13530	243	1419

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EXHIBIT IV.

DISTRIBUTION OF LIGHTS ON STREETS, ALLEYS, PARKS AND PUBLIC PLACES IN EACH WARD AND NUMBER OF MILES OF STREETS AND ALLEYS LIGHTED.

APRIL 1st, 1904.

WARDS.	Arc Lamps.	Incandescent Lamps.	Mantle Lamps on Streets.	Mantle Lamps in Parks.	Miles Streets Lighted by Arc Lamps.	Miles Alleys Lighted by Incandescent Lamps.	Miles Roadway Lighted by Mantle Lamps.	Gas Lamps.	Miles Streets Lighted by Gas Lamps.	Welsbach Lambs on Streets.	Welsbach Lamps in Parks.	Miles Streets Lighted by Welsbach Lamps.
1	.....	.....	906	68	.....	.....	30.03	.....	.....	.....	.....	.....
2	100	17	214	.....	7.58	0.97	7.09	.....	.....	.....	.....	.....
3	96	108	.....	.....	7.19	6.13	.....	.....	.....	.....	.....	.....
4	162	121	.....	.....	12.01	6.87	.....	.....	.....	.....	.....	.....
5	118	85	.....	.....	8.86	4.83	.....	.....	.....	.....	.....	.....
6	107	60	102	.....	8.10	3.41	3.38	.....	.....	.....	.....	.....
7	47	34	169	.....	3.56	1.93	5.60	.....	.....	.....	.....	.....
8	39	29	182	.....	2.95	1.65	6.03	.....	.....	.....	.....	.....
9	48	16	366	31	3.63	0.91	12.13	.....	.....	.....	.....	.....
10	.....	.....	721	.....	.....	.....	23.89	347	9.36	.....	11	.....
11	.....	.....	41	.....	.....	.....	1.51	1072	34.33	137	63	3.89
12	.....	.....	825	.....	.....	.....	27.34	.....	.....	.....	.....	.....
13	8	3	448	60	0.60	0.17	14.85	.....	.....	.....	.....	.....
14	85	77	61	.....	66.44	4.37	2.01	.....	.....	.....	.....	.....
15	75	85	.....	.....	5.68	4.83	.....	.....	.....	.....	.....	.....
16	66	88	42	.....	5.00	5.00	1.19	.....	.....	.....	.....	.....
17	.....	.....	340	.....	.....	.....	11.27	.....	.....	.....	.....	.....
18	.....	.....	354	40	.....	.....	11.73	.....	.....	.....	.....	.....
19	.....	.....	630	32	.....	.....	20.88	.....	.....	.....	.....	.....
20	.....	.....	383	4	.....	.....	12.69	.....	.....	.....	.....	.....
21	.....	.....	484	.....	.....	.....	16.04	.....	.....	.....	.....	.....
22	27	21	312	.....	2.04	1.19	10.34	.....	.....	.....	.....	.....
23	.....	.....	564	.....	.....	.....	18.69	.....	.....	.....	.....	.....
24	.....	.....	1718	61	.....	.....	61.82	.....	.....	32	.....	0.94
25	.....	.....	684	.....	.....	.....	19.43	.....	.....	.....	.....	.....
26	.....	.....	617	.....	.....	.....	20.45	.....	.....	.....	.....	.....
27	.....	.....	894	.....	.....	.....	32.17	.....	.....	.....	.....	.....
28	.....	.....	1751	426	.....	.....	61.35	.....	.....	.....	.....	.....
Totals	977	744	12808	722	73.64	42.26	431.91	1419	43.69	169	74	4.83

APRIL 1st, 1904.

STREETS.

Total Miles.	Miles. Improved.	Miles Lighted.
880.87	467.79	554.07

ALLEYS.

Total Miles.	Miles. Improved.	Miles Lighted.
324.51	122.70	42.26

Population. 693.675.

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EXHIBIT V.

COMPLAINTS OF THE FAILURES AND IRREGULARITIES OF LIGHTS ON STREETS, ALLEYS, PARKS AND PUBLIC PLACES.

1903-4.

Company.	Reported by.	Number.	Total.
The Seckner Contracting Company. Arc.	Lighting Department ..	611	
	Police Department	1,850	
	Miscellaneous	275	2,736
The Seckner Contracting Company. Incandescent.	Light Department	1,868	
	Police Department	1,541	
	Miscellaneous	203	3,612
Welsbach Street Lighting Com- of America. Mantle.	Lighting Department ..	5,618	
	Police Department	5,273	
	Miscellaneous	133	11,024
Carondelet Gas Light Company. Gas.	Lighting Department ..	100	
	Police Department	32	
	Miscellaneous	5	137
Welsbach Street Lighting Company of America. Welsbach.	Lighting Department ..	197	
	Police Department	27	
	Miscellaneous	1	225
	Total		17,734

EXHIBIT VI.

COMPLAINTS OF THE CONDITION OF LIGHTS ON STREETS, ALLEYS, PARKS AND PUBLIC PLACES.

1903-4.

Company.	Complaints.	Number.	Total.
The Seckner Contracting Company. Arc.	Dim Lights	31	
	Needing Repairs	45	76
The Seckner Contracting Company. Incandescent.	Dim Lights	5	
	Needing Repairs	7	12
Welsbach Street Lighting Company of America. Mantle.	Dim Lights	9,902	
	Needing Repairs	2,859	
	Need Cleaning	7	12,768
Carondelet Gas Light Company. Gas.	Dim Lights	303	
	Needing Repairs	282	
	Need Cleaning	116	701
Welsbach Street Lighting Company of America. Welsbach.	Dim Lights	54	
	Needing Repairs	20	74
	Total		13,631

EXHIBIT VII.

DEDUCTION UNDER THE SEVERAL CONTRACTS.

"LIGHTING STREETS, ALLEYS, PARKS AND PUBLIC PLACES"

1903-4

	Hours.	Days.	Amount.
Contract 5598—The Seckner Contracting Co., Arc.	14,865.0		353.34
Contract 5598—The Seckner Contracting Co., Arc.		74	22.20
Contract 5598—The Seckner Contracting Co., Incandescent	16,307.3		78.10
Contract 5598—The Seckner Contracting Co., Incandescent		8	.48
Contract 5803—Welsbach St. L. Co. of America, Mantle	141,149.4		961.24
Contract 5803—Welsbach St. L. Co. of America, Mantle		2,380	190.40
Contract 6430—Welsbach St. L. Co. of America, Welsbach	3,085.0		33.93
Contract 6789—Welsbach St. L. Co. of America, Welsbach	231.0		2.54
Ordinance No. 9456—Carondelet Gas Light Co., Gas		466.3	47.25

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EXHIBIT VIII.

TOTAL COST LIGHTING STREETS, ALLEYS, PARKS AND PUBLIC PLACES.—1903-4.

	Streets.	Alleys.	Parks.
Gas	$ 52,417 94	.....	.....
Welsbach	5,935 26	.....	$ 1,684 51
Mantle	350,441 21	.....	17,921 72
Arc	93,275 67	.....	.....
Incandescent	.....	$14,364 15	.....
Total	$502,070 08	$14,364 15	$19,606 23

Carondelet Gas Light Co.	$ 52,417 94
Welsbach Street Lighting Co. of America (South)	7,619 77
Welsbach Street Lighting Co. of America (North)	368,362 93
The Seckner Contracting Co.	107,639 82
	$536,040 46

(Amounts include the retained percentage.)

EXHIBIT IX.

LIGHTING PUBLIC BUILDINGS.

	Incandescent.		
	April 1, 1903.	Installed 1903-4.	April 1, 1904.
Court House	623	486	1,109
City Hall, Eleventh and Chestnut streets	313	33	346
Four Courts	639	69	708
Police Stations, North	290	2	292
Police Stations, South	723	23	746
Insane Asylum	435	16	451
Female Hospital	360	18	378
Poor House	412	1	413
Morgue	31	.....	31
Fire Department, North	382	82	464
Fire Department, South	582	33	615
City Hall, Washington Square	2,214	155	2,369
City Building, 2322 Clark avenue	38	3	41
Water Department, South	44	46	90
Union Market	25	.....	25
Public Buildings in Forest Park	19	.....	19
Jailer's Quarters	43	.....	43
Temporary City Hospital	391	31	422
Harbor and Wharf Department, Levee Offices	8	.....	8
Street Department, Grand Avenue Bridge	9	.....	9
Emergency Hospital	.....	258	258
Total	7,581	1,256	8,837
	Arc.		
Fire Department, South	1	.....	1
Union Market	21	.....	21
Total	22	.....	22

RECAPITULATION.

	Incandescent.	Arc.
District No. 1, North	1,039	21
District No. 2, South	7,798	1
Total	8,837	22

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EXHIBIT X.

COST LIGHTING PUBLIC BUILDINGS BY ELECTRICITY UNDER CONTRACTS.

1903-4.

District No. 1, Under Contracts 6296 and 6625.

BUILDINGS.	Lamps.	Watt Hours.	Actual Cost.	Area Lighted Sq. Feet.	Cost per Lamp.	Cost per 100 Sq. ft. Lighted.
Police Stations	292	39,208,800	3,136.55	51,394	10.74	6.11
Fire Department	464	34,706,500	2,776.43	116,113	5.98	2.39
Union Market	25-I	4,824,100			15.43-I	
	21-A	23,774,000	2,287.84	63,162	90.56-A	3.62
Emergency Hospital	258	23,380,400	1,870.42	32,978	7.24	5.68

District No. 2, Under Contracts 6297 and 6623.

Court House	1109	21,101,400	1,582.62	90,616	1.42	1.74
Old City Hall	346	20,868,600	1,565.17	88,098	4.52	1.77
Four Courts	708	47,916,500	3,593.75	94,414	5.07	3.80
Police Stations	746	76,921,800	4,653.85	99,848	6.23	4.66
Insane Asylum	451	29,616,000	2,221.20	187,287	4.92	1.18
Female Hospital	378	22,971,200	1,722.84	47,753	4.55	3.61
Poor House	413	35,532,200	2,665.09	140,199	6.45	1.90
Morgue	31	2,183,750	163.78	6,761	5.27	2.41
Fire Department	615	39,935,900	2,995.21	127,117	4.87	2.35
New City Hall	2369	40,531,200	3,039.84	337,550	1.28	.90
City Building, No. 2322 Clark Avenue	41	3,203,400	240.27	8,468	5.86	2.86
Public Buildings in Forest Park	19	1,926,400	144.49	28,860	7.60	.50
Water Department ..	90	7,182,400	538.68	7,180	5.87	7.58
Jailer's Quarters	43	2,095,700	157.19	8,299	3.65	1.89
Temp. City Hospital..	422	79,178,350	5,938.38	99,208	14.07	5.98
Harbor and Wharf Department.....	8	2,700	.26	1,300	.02	.01
Street Dept., Grand Avenue Bridge	9	1,237,500	92.84	35,200	10.31	.26

EXHIBIT XI.

COMPLAINTS OF THE FAILURES OF LIGHTS AND TROUBLE WITH WIRING IN PUBLIC BUILDINGS.

1903-4.

	District No. 1.	District No. 2.
Lamps burned out	6,003	14,561
Lamps broken	106	181
Lamp shades broken	7	44
Sockets out of order	40	136
Switches out of order	29	58
Converters out of order	0	0
Wires out of order	29	49
Arc lights out of order	16	4
Fuse burned out	71	286
Lights out, cause line or station trouble.....	46	24
Bells out of order	1	35
Total	6,348	15,378

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EXHIBIT XII.

MATERIAL USED IN PUBLIC BUILDINGS, INSTALLING ADDITIONAL LIGHTS, BELLS, BUZZERS AND PUSH BUTTONS, REWIRING INSANE ASYLUM, POOR HOUSE, FEMALE HOSPITAL AND COURT HOUSE, PIPING NEW CITY HOSPITAL AND FOR REPAIRS—1903-04.

Wire, Telphone—3,443 feet.
Wire, Annunciator—38 lbs.
Wire, Rubber Covered—61,795 feet.
Wire, Weatherproof—616 lbs.
Circular Loom—3,078 feet.
Lamp Cord, Silk—360 feet.
Lamp Cord, Vulcanized—63 yards.
Lamp Cord—3,477 yards.
Silk Cable—18½ feet.
Lamp Sockets—2,249.
Attachment Plugs—242.
Socket Bushings (Hard Rubber)—700.
Switches—448.
Switches (3,000 Ampere)—1.
K. Ws.—813.
Main Cutouts—17.
Branch Cutouts—89.
Single Pole Fuse Blocks—47.
Cluster Balls—242.
Adjusting Balls—384.
Porcelain Knobs—3,660.
Porcelain Tubes—4,729.
Wood Cleats—745.
Porcelain Cleats—339 pairs.
Wall Brackets—34.
Canopies—199.
Receptacles—23.
Ceiling Hooks—61.
Tablet Boards—12.
Wood box bells—40.
Iron Frame Bells, 5 inch with drop—2.
Buzzers—11.
Push Buttons—47.
Batteries—98.
Pencil Zincs—122.
Sal Amoniac—45 lbs.
Glass Insulators—116.
Spreaders—2.
Short Brackets—84.
Cutter Hoods—27.
Gas Hooks—182.
Couplings—96.
Brass Pipe—1,034 feet.
Enameled Iron Conduit—24,176 feet.
Ceiling Outlet Boxes—116.
Fixture Nipples—126.
Check Nuts—1,598.
Outlet Insulators—596.
Switch Boxes (Single)—135.
Switch Boxes (Double—12.
Switch Boxes (4 gang)—42.
Pipe Clamps—451.
Incandescent Lamps—20,171.
Nerst Lamps—2.
Nerst Glowers—16.

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Opalescent Inner Globes—50.
Shades—639.
Shade Holders—386.
Lamp Guards—53.
Carbons—1,405.
Flooring Lumber—485 feet.
White Pine Lumber—190 feet.
Moulding—10,238 feet.
Lag Bolts—87.
Toggle Bolts—206.
Stove Bolts—395.
Leatherheads—5,714.
Switch Keys—45.
Switch Keys (Blind)—81.
Fuse Links—60.
Fuse Wire—12 lbs.
Crow Feet—27.
Brass Reducers—36.
Sheet Asbestos—2½ yards.
Asphaltum Paint—3 gals.
Shellac Varnish—10½ gals.
Tees—98.
Alcohol—3 gals.
Screw Hooks—20.
Screw Eyes—105 lbs.
Tape—85 lbs.
String Solder—39 lbs.
Solder Paste—39 sticks.
Screws—69 gross.
Screws (Brass)—6 gross.
Brads—65 lbs.
Nails—120 lbs.
Transformers—1.
Automatic Drops—4.
Adaptors—15.
Dynamo Oil—½ gal.
Fixture Studs—80.
Fittings—10.
Arc Lamp Globes—6.
Hangers—25.
Insulating Joints—76.
Iron Washers—30.
Lamp Stands—4.
Arc Lamps—2.
Duncan Watt Meter—1.
Thompson Recording Watt Meter, 75 and 220 Volts—3.
Thompson Recording Watt Meter, 200 Ampere, 220 Volts—1.
Thompson Recording Watt Meter, 450 Ampere, 220 Volts—1.
Ampere Meter—1.
Soap Stone—26 lbs.
Lead Covered Cable—1,256 feet.
Carbon Brushes—24.
Switch Covers—86.
Pipe Hooks—48.
Switch Plates—30.
Cement—25 lbs.
Gasoline—2½ gals.
Half Tin Shades—8.
P. and B. Paint—3½ gals.
Elbows—4.
Lard Oil—2 gals.

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EXHIBIT XIII.

GAS CONSUMED IN PUBLIC BUILDINGS FOR ILLUMINATING.
1903-4.

District No. 1.

	Cubic Feet.	Amount.
Police Stations	31,400	$ 31.40
Water Department, North	17,700	17.70
Emergency Hospital	248,600	248.60
Total	297,700	$297.70

District No. 2.

	Cubic Feet.	Amount.
Police Stations	700	$ .70
Temporary City Hospital (City Bacteriologist)	25,500	25.50
Total	26,200	$ 26.20

Carondelet District.

	Area Lighted Square Feet.	Cubic Feet	Amount.
Police Stations	5,624	24,100	$ 24.10
Fire Department	10,785	579,200	579.20
House of Refuge	96,475	3,152,700	3,152.70
Work House	18,307	926,800	926.80
Carondelet Market	2,584	37,900	37.90
Total	133,773	4,720,700	$4,720.70

EXHIBIT XIV.

GAS CONSUMED IN PUBLIC BUILDINGS FOR FUEL.
1903-4.

(Bills verified but not paid from funds of this Department.)

	Cubic Feet.	Amount.
Fire Department	168,700	$ 163.94
Health Department	111,300	121.48
Temporary City Hospital	1,006,000	1,006.00
Police Station, Seventh and Carr streets	28,300	19.44
Police Station, No. 2837 Laclede avenue	1,200	1.20
Matron's Room, Four Courts	47,900	38.29
City Building, No. 2322 Clark avenue	55,900	44.72
Female Hospital	231,500	170.18
Morgue	7,900	6.32
City Chemist	124,400	97.54
House of Refuge	72,800	58.24
Total	1,855,900	$1,727.35

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EXHIBIT XV.

LIGHTING PUBLIC BUILDINGS.
1903-4.

	Material and Labor.	Lamps.	Electricity under Contracts.	Gas	Total.
Court House	$2.552 91	$ 91 82	$1.582 62		$4.227 35
Old City Hall	587 25	62 85	1.565 17		2.215 27
Four Courts	798 02	155 02	3.593 75		4.546 79
Police Stations (South)	239 32	156 33	5.310 89	$ 24 80	5.731 34
Police Stations (North)	33 01	66 07	3.136 55	31 40	3.267 03
Insane Asylum	1.105 83	141 76	2.221 20		3.468 79
Female Hospital	789 09	175 00	1.722 84		2.686 93
Poor House	3.019 06	175 50	2.665 09		5.859 65
Morgue	9 97	3 65	163 78		177 40
Fire Department (South)	483 26	122 84	2.995 21	579 20	4.180 51
Fire Department (North)	819 10	103 75	2.776 43		3.699 28
New City Hall	4.623 00	315 36	3.039 84		7.978 20
City Building, 2322 Clark Ave	14 47	6 16	240 27		260 90
Public Bldgs. in Forest Park	15 16	4 88	144 49		164 53
Water Department (South)	64 34	14 87	538 68		617 89
Water Department (North)		348 02		17 70	365 72
Jailer's Quarters	41 91	5 51	157 19		204 61
Temporary City Hospital	210 63	179 79	5.938 38	25 50 Oil 20 00	6.374 30
Harbor and Wharf Dept.	22 30	4 28	20		26 78
Street Department, Grand Ave. Bridge	15 25	4 26	92 84		112 35
Union Market	178 48	6 43	2.287 84		2.472 75
Emergency Hospital	1.346 10	158 63	1.870 42	248 60	3.623 75
New City Hospital	1.995 64				1.995 64
House of Refuge				3.152 70	3.152 70
Work House				926 80	926 80
Carondelet Market				37 90	37 90
	$18.964 10	$2.302 78	$42.043 68	$5.064 60	$68.375 16

RECAPITULATION.

Buildings—South District—Electricity	$49.242 69
" —North District—Electricity	13.410 83
" —South District—Gas	26 20
" —North District—Gas	297 70
" —Carondelet District—Gas	4.720 70
" —Carondelet District—Electricity	657 04
Temporary Emergency Hospital, Forest Park—Oil	20 00
	$68.375 16

(Amounts include the retained percentage.)

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EXHIBIT XVI.

WORK UNDERGROUND DURING FISCAL YEAR 1903-4.

COMPANY.	Trench Feet.	Duct Feet.	Lateral Feet.	Miles of Cables.
Bell Telephone Co. of Missouri and American Telephone and Telegraph Co. of Missouri..	10873	231516	3335	22.797
Kinloch Telephone Company	19715	297355	9354	10.228
Missouri-Edison Electric Company	.....	.....	395	2.881
Phoenix Light, Heat & Power Company	.....	.....	860	.929
Laclede Gas Light Company	.....	.....	15	006
The Edison Electric Illuminating Company of Carondelet	625	2500	2267	4.127
The Seckner Contracting Company	72970	866075	1800	12.137
Union Electric Light and Power Company..	42758	557764	7517	11.266
St. Louis Transit Company	.....	.....	.....	8.293
St. Louis Refrigerating & Cold Storage Co....	4140	13610	2058	.....
St. Louis Pneumatic Tube Company	9075	181150	150	.....
Included in above for City Police and Fire Alarm circuits and telephone service	.....	146941	.....	.....

	Applications.	Permits.
For Conduits and Laterals	710	626
For Cables and Wires	782	779

EXHIBIT XVII.

GRAND TOTAL OF WORK UNDERGROUND FROM THE COMMENCEMENT, MARCH 5th, 1897, to APRIL 1st, 1904.

COMPANY.	Trench Feet.	Duct Feet.	Feet Laterals.	Miles of Cable.
Bell Telephone Company of Missouri and Amer. Telephone & Telegraph Co. of Mo...	227988	1509036	35696	83.996
Kinloch Telephone Company	124575	927395	43799	118.655
Phoenix Light, Heat & Power Company....	91030	198960	13098	25.294
Laclede Gas Light Company	.....	.....	1675	0.349
The Edison Electric Illuminating Company of Carondelet	98350	312795	30519	32.575
The Seckner Contracting Company	172515	1265970	16816	30.192
Union Electric Light & Power Company	342773	2113697	142331	179.268
National Subway Company of Missouri	3107	6214	890	0.570
St. Louis Transit Company	7129	85177	402	21.388
Cupples Station Light, Heat & Power Co....	3410	23730	115	0.520
City of St. Louis	4310	5440	16006	40.547
St. Louis Refrigerating & Cold Storage Co..	22260	65710	6359	.....
St. Louis Pneumatic Tube Company	9075	181150	150	.....
Totals	1106522	6695274	307856	533.354

Included in the above is 788.862 duct feet of conduit provided free of charge for the use of the city police and fire alarm circuits and telephone service, as follows:

COMPANY.	Duct Feet.			
Bell Telephone Co. of Missouri and American Telephone & Telegraph Co. of Missouri....	227988	.....	.....	.....
Kinloch Telephone Company	124575	.....	.....	.....
High Tension Companies	436299	.....	.....	.....

The Union Electric Light and Power Company showing above formed by combination of the following companies:

COMPANY.	Trench Feet.	Duct Feet	Lateral Feet.	Miles of Cable.
Missouri-Edison Electric Company	143865	663415	87451	114.979
Imperial Electric Light, Heat & Power Co....	73560	398653	40077	39.719
Citizens Electric Light & Power Company....	82590	493865	.....	.....
Union Electric Light & Power Company	42758	557764	14803	24.570

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EXHIBIT XVIII.

OVERHEAD WIRE APPLICATIONS AND PERMITS.
1903-4.

COMPANY.	Application.				Permit.		
	Number.	Issued	Filed.	Pending.	Miles of Wire Strung.	Miles of Wire Removed.	Miles of Wire Replaced.
Electric Light & Power Companies—							
Missouri-Edison Electric Company....	279	279	.....	.....	32.446	.864	.172
Laclede Gas Light Company.....	282	278	2	2	54.421	.....	.160
The Edison Electric Illuminating Co. of Carondelet	439	435	2	2	71.296	1.623	.....
The Seckner Contracting Company...	260	260	.....	.....	35.211	7.083	.....
Carondelet Electric Light & Power Co.	11	11	.....	.....	3.321	.....	.....
Union Electric Light & Power Co....	716	711	2	3	169.092	.....	.....
Totals	1987	1974	6	7	365.787	9.570	.332
Street Railroad Companies—							
St. Louis Transit Company.....	30	30	.....	.....	33.010	.....	.....
St. Louis & Suburban Railway Co.....	31	30	.....	1	11.510	.....	.....
Totals	61	60	.....	1	44.520	.....	.....
Miscellaneous	298	294	.....	4	25.159	.266	.....

EXHIBIT XIX.

POLE APPLICATIONS AND PERMITS.
1903-4.

COMPANY.	Applications.				Permits.				
	Number.	Issued.	Filed	Pending.	Set.	Reset.	Replaced	Location Changed.	Removed.
Electric Light & Power Co's—									
Missouri-Edison Electric Co.	30	24	6	.....	132	.....	29	.....	69
Laclede Gas Light Co.....	16	16	.....	.....	27	4	3	.....	.....
The Edison Electric Illuminating Co. of Carondelet....	38	23	4	11	86	.....	5	.....	28
The Seckner Contracting Co.	24	24	.....	.....	18	.....	7	3	2
Carondelet Electric Light & Power Company	2	1	1	.....	3	.....	.....	.....	.....
Union Electric Light & Power Company	97	89	5	3	255	3	48	1	56
Totals	207	177	16	14	521	7	92	4	155
Telephone & Telegraph Co's—									
Bell Telephone Co. of Mo....	95	93	2	.....	585	6	53	.....	97
Kinloch Telephone Company.	109	78	16	15	536	.....	23	.....	58
Western Union Telegraph Co	1	.....	.....	1	8	.....	.....	.....	3
Postal Telegraph Cable Co...	1	.....	.....	1	.....	.....	.....	.....	.....
Totals	206	171	18	17	1129	6	76	.....	158
Street Railroad Companies—									
St. Louis Transit Company..	14	14	.....	.....	135	.....	38	1	26
St. Louis & Suburban Co....	16	14	1	1	10	.....	16	2	6
Totals	30	28	1	1	145	.....	54	3	32
Welsbach Street Lighting Co..	84	84	.....	.....	365	.....	.....	.....	.....

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EXHIBIT XX.

EXTENT OF POLE LINES ALONG STREETS AND ALLEYS FOR ELECTRIC LIGHT, POWER, TELEGRAPH AND TELEPHONE PURPOSES. APRIL 1st, 1904.

American Telephone & Telegraph Company of Missouri.	Bell Telephone Company of Missouri.	Kinloch Telephone Company.	Western Union Telegraph Company.	Postal Telegraph & Cable Company.	Fire & Police Telegraph Department.	Laclede Gas Light Company.	The Edison Electric Illuminating Co. of Carondelet.	The Seckner Contracting Company.	Carondelet Electric Light & Power Company.	Union Electric Light & Power Company.
MILES OF POLE LINES ALONG STREETS.										
7.991	203.297	159.594	22.598	11.344	53.877	82.340	8.802	20.756	4.710	179.034
MILES OF POLE LINES ALONG ALLEYS.										
.....	30.266	28.287	0.141	0.095	1.973	42.660	2.697	10.914	0.057	53.724
NUMBER OF POLES ALONG STREETS.										
425	9407	6811	1280	401	3314	4509	514	1111	293	9401
NUMBER OF POLES ALONG ALLEYS.										
.....	1583	2676	13	6	86	1868	145	589	3	2269

EXHIBIT XXI.

EXTENT OF STREET RAILROADS OPERATED BY ELECTRICITY SUPPLIED BY OVERHEAD WIRES, APRIL 1st, 1904.

COMPANY.	Miles of Streets Occupied by Railway Track.	Miles of Tracks Operated.	Miles of Trolley Wires.	Number of Poles.
St. Louis Transit Company.....	193.951	339.648	339.648	17897
St. Louis & Suburban Railway Co.....	11.820	21.720	21.720	737
St. Louis & Meramec River R. R. Co.	7.518	14.356	14.355	505
Mound City Transfer Company.....	.....	.....	.....	6
Total Operated by Electricity.....	213.289	375.723	375.723	19145
Authorized but not Constructed.....	60.037	.....	.....	.....
Constructed but not Operated.....	4.877	6.117	6.117	.....

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EXHIBIT XXII.

COMPLAINTS RELATIVE TO POLES AND WIRES, ETC.

1903-1904.

Poles broken and down, wood	181
Poles broken down, iron	12
Poles and obstruction	102
Poles moved	253
Poles charged and burning	66
Wires down, Electric Light and Power	283
Wires down, Telephone and Telegraph	864
Wires down, Trolley, Feed, Span and Guard	308
Wires moved	124
Wires in bad condition	172
Wires crossed and burning	167
Induction on telephone lines	2
Depressions in sidewalks	46
Depressions in streets	44
Manholes below grade	30
Manhole covers off and broken	47
Burn outs in manholes	2
Gas escaping	157
Lamp posts broken and down	29
Lamp posts and obstruction	40
Lamp posts moved	47
Converters burned out	5
Signs attached to poles	2
Pedestals broken	2
Relative to Electrolysis	2
Relative to Gas Meters	104
Relative to Electric Meters	6
Miscellaneous	65
Total	3262

EXHIBIT XXIII.

ACCIDENTS REPORTED TO THIS DEPARTMENT.

1903-1904.

Killed by contact with wires	3 persons
Killed by contact with wires	7 animals
Injured by falling into manhole	2 persons
Killed by falling into manhole	1 animal
Shocked by contact with wires	14 persons
Shocked by contact with wires	49 animals
Injured by falling from poles	8 persons
Injured by explosion of gas	1 person
Overcome by gas	8 persons

EXHIBIT XXIV.

FIRES.

1903-1904.

During fiscal year 1,586 alarms of fire were received, of which 216 were responded to by officers of this Department.

Fires, cause attributed to electric wires	43
Fires, cause attributed to gas	44
Fires, cause attributed to gasoline	225

EXHIBIT XXV.

PRIVATE LAMPS ON STREETS.

April 1st, 1904.

Arc Lights	1098
Incandescent Lights	4987
Gas Lights	922
Total	7077

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EXHIBIT XXVI.

TEST OF ILLUMINATING POWER OF GAS FURNISHED BY LACLEDE GAS LIGHT COMPANY.

DATE.	Number of Test.	Average Candle Power.	Maximum Candle Power.	Minimum Candle Power.	Times Below Standard of 18.00 C. P.
1903—					
April	44	20.24	23.47	18.31	.....
May	48	20.53	24.96	17.44	1
June	52	20.47	25.37	18.15	.....
July	52	20.38	23.97	18.15	.....
August	52	20.81	23.57	18.59	.....
September	48	20.32	23.12	18.36	.....
October	47	20.34	24.97	18.32	.....
November	44	20.14	22.00	17.67	1
December	49	19.75	22.04	17.12	2
1904—					
January	50	19.82	22.83	17.40	1
February	29	19.44	22.26	16.84	3
March	15	20.95	23.34	18.51	.....
Total	530	20.26	25.37	16.84	8

Average Candle Power for the year 13 per cent in excess of standard required.

Maximum Candle Power for the year 41 per cent in excess of standard required.

Minimum Candle Power for the year 6 per cent in deficiency of standard required.

EXHIBIT XXVII.

TESTING, SEALING AND STAMPING GAS METERS FOR LACLEDE GAS LIGHT COMPANY, FEBRUARY 1st, 1904, TO APRIL 1st, 1904.

300 Light Gas Meters	1
200 Light Gas Meters	3
150 Light Gas Meters	5
100 Light Gas Meters	2
80 Light Gas Meters	7
65 Light Gas Meters	1
60 Light Gas Meters	17
45 Light Gas Meters	34
30 Light Gas Meters	33
20 Light Gas Meters	77
10 Light Gas Meters	133
5 Light Gas Meters	9288
3 Light Gas Meters	1252
Total	10863

GAS METERS.

Tested for Gas Consumers, 1903-4.

100 Light Gas Meters	1
60 Light Gas Meters	3
45 Light Gas Meters	3
30 Light Gas Meters	1
20 Light Gas Meters	1
10 Light Gas Meters	11
5 Light Gas Meters	65
3 Light Gas Meters	5
Total	90

PAID TO CITY TREASURER.

Amounts received from individuals on account of Gas Meters tested and found accurate within the meaning of the law:

April 13th, 1903	$1 00
June 29th, 1903	1 00
August 1st, 1903	1 00
October 21st, 1903	1 00
December 7th, 1903	1 00
December 10th, 1903	1 00
January 30th, 1904	1 00
February 3d, 1904	2 00
February 6th, 1904	3 00
February 20th, 1904	1 00
Total	$13 00

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EXHIBIT XXVIII.

FINANCIAL.

APPROPRIATION ACCOUNTS.

1903-1904.

"LIGHTING STREETS, ALLEYS, PARKS AND PUBLIC PLACES."

For Gas Light in the Carondelet District, fifty-four thousand dollars.		
Streets, amount expended		$52,417 94
Carondelet Gas Light Company, received	$52,417 94	
For Welsbach Lamps, maintaining, nine thousand dollars.		
Streets, amount expended		$5,638 49
Carondelet Park, amount expended		1,275 48
Laclede Park, amount expended		238 20
South St. Louis Square, amount expended		86 60
		$7,238 77
Contract 6430—Welsbach Street Lighting Company of America, received	$6,252 13	
Contract 6789—Welsbach Street Lighting Company of America, received	986 64	
		$7,238 77
For Electric Light, one hundred and fifteen thousand dollars.		
Streets, amount expended		$88,611 89
Alleys, amount expended		13,645 94
		$102,257 83
Contract 5598—The Seckner Contracting Company, received	$102,257 83	
For Salaries of Supervisor, Clerks, Inspectors and Draughtsmen, twenty-three thousand and five hundred dollars.		
Salaries, amount expended		$23,261 93
For furniture, office expenses, printing and stationery and incidental expenses connected with the supervision and inspection of the City Lighting, seven thousand and five hundred dollars.		
Electrical apparatus, etc.		$ 0 90
Gas apparatus, etc.		212 81
Furniture		667 37
Office expenses		793 51
Printing and Stationery		997 00
Draughting Material and Instruments		140 81
Keeping Horses, etc.		1,298 70
Hire of Horses, etc.		51 00
Miscellaneous		860 66
		$5,021 86
For Incandescent Mantle Lamps, three hundred and seventy-eight thousand dollars.		
Streets, amount expended	$343,639 84	
Parks, amount expended		17,638 19
Ruby Domes		283 48
		$361,561 51
Contract 5803—Welsbach Street Lighting Company of America, received	$361,278 03	
Welsbach Company for Ruby Domes, received	283 48	
	$361,561 51	

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LIGHTING PUBLIC BUILDINGS.

For Lighting Public Buildings, forty-seven thousand dollars.

	Electric.	Gas.	Total.
Court House	$1.503 50	.....	$1.503 50
City Hall, Eleventh and Chestnut	1.486 90	.....	1.486 90
Four Courts	3.414 07	.....	3.414 07
Police Stations	8.057 91	56 20	8.114 11
Insane Asylum	2.110 13	.....	2.110 13
Female Hospital	1.636 71	.....	1.636 71
Poor House	2.531 83	.....	2.531 83
Morgue	155 58	.....	155 58
Fire Department	5.483 05	579 20	6.062 25
City Hall, Washington Square	2.887 84	.....	2.887 84
City Building, No. 2322 Clark avenue	228 26	.....	228 26
Public Building in Forest Park	137 25	.....	137 25
Water Department, South	511 75	.....	511 75
Jailer's Quarters	149 33	.....	149 33
Temporary City Hospital	5.641 47	25 50 20 00 oil	5.686 97
Harbor and Wharf Department	20	.....	20
Street Department (Grand Avenue Bridge)	88 21	.....	88 21
Water Department, North	.....	17 70	17 70
Union Market	2.173 45	.....	2.173 45
Emergency Hospital	1.776 91	248 60	2.025 51
House of Refuge	.....	3.152 70	3.152 70
Work House	.....	926 80	926 80
Carondelet Market	.....	37 90	37 90
	$39.974 35	$5.064 60	$45.038 95

Contract 6296—Laclede Gas Light Co., received	$2.835 72
Contract 6297—Missouri-Edison Electric Co., received	15.334 85
Contract 6625—Laclede Gas Light Co., received	6.731 97
Contract 6623—Missouri-Edison Electric Co., received	14.414 77
Electric, Carondelet Electric Light & Power Co., received	657 04
Gas, Laclede Gas Light Co., received	323 90
Gas, Carondelet Gas Light Company, received	4.720 70
Windhorst & Company, received	20 00
	$45.038 95

For wiring buildings, lamps and incidental expenses, twenty thousand five hundred dollars.

Amount Expended	$20.107 39

For overhead and underground construction ten thousand five hundred dollars.

Amount Expended	$6.934 96

RECAPITULATION.

"LIGHTING STREETS, ALLEYS, PARKS AND PUBLIC PLACES."

	Appropriation.	Expense.	Balance.
For Gas Light	$54.000 00	$52.417 94	$1.582 06
For Welsbach Lamps, Maintaining	9.000 00	7.238 77	1.761 23
For Electric Lights	115.000 00	102.257 83	12.742 17
For Salaries	23.500 00	23.261 93	238 07
For Expense	7.500 00	5.021 86	2.478 14
For Incandescent Mantle Lamps	378.000 00	361.561 51	16.438 49
"Lighting Public Buildings."			
For lighting public buildings	47.000 00	45.038 95	1.961 05
For wiring buildings, lamps, etc	20.500 00	20.107 39	392 61
For overhead and underground construction	10.500 00	6.934 96	3.565 04
	$665.000 00	$623.841 14	$41.158 86

GUARANTEE FUNDS.

(Retained Percentage.)

On April 1st, 1904.

Contract 5598—The Seckner Contracting Co	$19.259 04
Contract 5803—Welsbach Street Lighting Co of America	50.000 00
Contract 6625—Laclede Gas Light Co	354 33
Contract 6623—Missouri-Edison Electric Co	758 68
Contract 6789—Welsbach Street Lighting Co. of America	51 93

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GUARANTEE FUNDS PAID.

During Fiscal Year 1903-4.

1903.	
Sept. 11, Contract 6296—Laclede Gas Light Co.....	431 85
Sept. 11, Contract 6297—Missouri-Edison Electric Co.....	2,322 51
1904.	
March 8, Contract 6430—Welsbach Street Lighting Co. of America..	377 95
Jan. 12, Contract 2—Independent Incandescent Lamp Co.....	242 80
	$3.375 11

CONTRACTS IN FORCE APRIL 1, 1904.

"Lighting Streets, Alleys, Parks and Public Places."

No.	Light.	Contractor.	Date	Expires
5598	Electric	The Seckner Contracting Co.....	March 23, 1900	Sept. 1, 1910
5803	Mantle	Welsbach Street L. Co. of America.....	July 10, 1900	Sept. 1, 1910
6789	Welsbach	Welsbach Street L. Co. of America.....	Feb. 11, 1904	Feb. 16, 1905
Ord.				
9456	Gas	Carondelet Gas Light Co.....	Feb. 24, 1875	Feb. 24, 1905

"Lighting Public Buildings."

6623	Electricity,	Missouri-Edison Electric Co.....	Aug. 5, 1903.	Aug. 31, 1904
6625	Electricity,	Laclede Gas Light Co.....	Aug. 5, 1903	Aug. 31, 1904

ACTUAL COST OF LIGHTING FOR PAST FIFTEEN YEARS.

(Amounts Include the Retained Percentage)

"STREETS, ALLEYS, PARKS AND PUBLIC PLACES."

Fiscal	Year	ending	April	7, 1890.....	$308,768 57
"	"	"	"	13, 1891.....	206.156 53
"	"	"	"	11, 1892.....	213.525 76
"	"	"	"	10, 1893.....	223.500 02
"	"	"	"	9, 1894.....	239.005 63
"	"	"	"	8, 1895.....	254.809 31
"	"	"	"	13, 1896.....	269.986 36
"	"	"	"	12, 1897.....	267.157 45
"	"	"	"	11, 1898.....	305.877 97
"	"	"	"	10, 1899.....	320.029 13
"	"	"	"	9, 1900.....	321.911 41
"	"	"	"	8, 1901.....	416.080 96
"	"	"	"	7, 1902.....	498.729 92
"	"	"	"	13, 1903.....	519.363 49
"	"	"	"	11, 1904.....	536.040 46

"PUBLIC BUILDINGS."

(Under Contracts.)

Fiscal	Year	Ending	April	7, 1890.....	$32.514 12
"	"	"	"	13, 1891.....	46.204 12
"	"	"	"	11, 1892.....	44.186 46
"	"	"	"	10, 1893.....	45.792 82
"	"	"	"	9, 1894.....	48.305 79
"	"	"	"	8, 1895.....	51.910 05
"	"	"	"	13, 1896.....	58.120 80
"	"	"	"	12, 1897.....	58.623 80
"	"	"	"	11, 1898.....	63.532 60
"	"	"	"	10, 1899.....	66.992 04
"	"	"	"	9, 1900.....	72.891 31
"	"	"	"	8, 1901.....	95.799 49
"	"	"	"	7, 1902.....	66.285 62
"	"	"	"	13, 1903.....	56.224 55
"	"	"	"	11, 1904.....	47.108 28

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PRICES PAID FOR LIGHTING

COMPANY.	Contract Number.	Arc Lights per 1,000 Hours.	20 C P. Incandescent per 1,000 Hours.	Mantle Lamps per 1,000 Hours.	Electric Power per 1,000 Watt Hours for Buildings.
Laclede Gas Light Co.	6625	.....	.....	.....	$0.08
Missouri-Edison Electric Co.	6623	.....	.....	.....	0.07½
Carondelet Electric Light & Power Company	.....	.....	.....	.....	0.10
The Seckner Contracting Co.	5598	$23.77	$4.79	.....	.....
Welsbach Street Lighting Co. of America	5803	.....	.....	$6.81	.....
Welsbach Street Lighting Co. of America	6789	.....	.....	11.00	.....

COMPANY.	On Streets 14 C. P. per Lamp per Year.	Illuminating per 1000 Cubic Feet.	Fuel per 1,000 Cubic Feet.
Carondelet Gas Lighting Co.	$37 00	$1.00	$0.80
Laclede Gas Light Co.	.....	1.00	0.80

ESTIMATES FOR FISCAL YEAR 1904-1905.

"LIGHTING STREETS, ALLEYS, PARKS AND PUBLIC PLACES."

For Gas lighting on streets, cleaning, repairing, maintaining, moving lamps, etc., in Carondelet Gas Light Company's District	$56,500 00
For Welsbach lamps on streets, avenues and parks, cleaning, repairing, maintaining, moving lamps, etc	9,500 00
For incandescent mantle lamps on streets, avenues, sidewalks, alleys, wharves and public grounds and squares and all expenditures required by contracts in the execution thereof	396,000 00
For electric lights on streets, avenues, sidewalks, alleys, wharves and public grounds and squares and all expenditures required by contract in the execution thereof	116,500 00
For salaries of Supervisor, Clerks, Inspectors and Draughtsmen	23,500 00
For office expenses, furniture, drawing materials, etc., and all expenses incidental to the inspection of gas, electric conductors, poles, etc., and the removal of dead wires	8,000 00
Aggregating	$610,000 00

"LIGHTING PUBLIC BUILDINGS."

For lighting public buildings by electricity or gas	$48,500 00
For wiring and piping buildings, lamps and incidental expenses	32,000 00
For overhead and underground construction	8,000 00
For testing, sealing and stamping gas meters	6,000 00
Aggregating	$94,500 00

Very respectfully submitted,

THOS. B. CARTER,

Supervisor of City Lighting.

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ANNUAL REPORT

——OF THE——

SUPERVISOR OF PLUMBING

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

St. Louis, June 6, 1904.

Sir—I have the honor to present herewith my annual report for the fiscal year ending April 11, 1904.

OFFICE EXPENSES.

Furniture, printing and stationery, keeping and shoeing horse, repairing vehicle and harness..... $801.38

PAY ROLL.

Supervisor, Clerk, Inspectors, Bookkeeper and Messenger.....$12,700.64

Amount of deposits withdrawn from the City Treasury as per following vouchers:

H. A. Kruger, May 5th	$4.00
Grimm & Bollinger, May 12th	6.00
Aug. Barkhoeffer, May 22nd	9.00
Ost & Werner, Oct. 24th	4.00
Ernest Bloss, Dec. 21st	7.00
Chas. L. Noble, Feb. 5th	3.00
Jacob Glaeser, March 7th	2.00
W. B. Griffin, March 7th	7.00
Thos. F. Donahoe, March 29th	5.00

Number of permits approved for water connections	2669
Number of permits approved for sewer connections	2950
Number of inspections during the year for which charges have been made	11739
Number of plans filed and approved for plumbing and house drains	4498
Number of permits approved for water and sewer repairs	2345
Number of plumbers who have given bond and are licensed to do plumbing	343
Number of drainlayers who have given bond and are licensed to do drain-laying	349

Respectfully submitted,

EDW. QUINN,

Supervisor of Plumbing.

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ANNUAL REPORT

——OF THE——

STREET COMMISSIONER

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

Office of the Street Commissioner,

St. Louis, Mo., April 12, 1904.

To the Honorable Board of Public Improvements:

Gentlemen—I have the honor to submit herewith the following report of the operations of the Street Department for the fiscal year ending April 11th, 1904.

EXPENDITURES DURING THE FISCAL YEAR, 1903-4.—CURRENT AND MISCELLANEOUS EXPENSES.

Street Commissioner's Department	$ 52,948 94	
Street repairs—Miscellaneous expenses	85,851 80	
Street repairs—Macadam, etc.	156,198 73	
Street repairs—Salaries	22,291 60	
Street repairs—Reconstructed streets	98,538 26	
Street cleaning—Labor and carts	268,354 50	
Street cleaning—Stone, wood blocks and asphalt pavement	170,544 60	
Street cleaning—Block system	98,988 40	
Street Bridges and Culverts—Miscellaneous repairs	45,628 64	
Street Grades and Surveys	9,969 92	
Fund for Numbering Houses	1,849 80	
Streets—Special and Temporary Service	106,428 96	
Sprinkling Streets	192,884 14	
Total amount certified for current and miscellaneous expenses		$ 1,310,478 29

NEW WORK.

Grand Avenue Bridge	$ 2,684 35	
Twenty-first Street Bridge	3,685 00	
Eighteenth Street Bridge	764 90	
Clark Avenue Bridge	12 03	
King's Highway Bridge	5,522 08	
Total amount certified for new work		$ 12,668 36
Total amount certified during the year		$ 1,323,146 66

WORK DONE BY WORKHOUSE CONVICTS IN GRADING STREETS, ALLEYS AND CITY PROPERTY DURING THE FISCAL YEAR 1903-1904.

STREETS.

	Cu. Yds.
Pennsylvania Avenue, between Delore street and Itaska street	1,600
Michigan Avenue and Delore street	1,000
Arsenal street, between Second and Broadway	6,000
Keokuk street, between Compton Avenue and Minnesota Avenue	4,500
Total	13,100

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ALLEYS.

	Cu. Yds.
Alley in City Block No. 2750, between Neosho street, Broadway, Itaska street and Oregon avenue	1,200
Total	1,200

RECAPITULATION.

	Cu. Yds.
Streets	13,100
Alleys	1,200
Grand total	14,300

April 11th, 1904.

The following shows the mileage and the cost of paving streets and alleys; the cost of which was assessed as a special tax against the property fronting on the streets and against the property lying in district as provided by the City Charter, namely:

STREET CONSTRUCTION.

10.24 miles—Vitrified brick	$ 542,889 33
5.54 miles—Asphalt	315,302 98
0.39 miles—Granite block	15,368 37
2.52 miles—Bituminous Macadam	150,013 52
18.69 miles—Total	$ 1,023,574 20

STREET RECONSTRUCTION.

2.64 miles—Vitrified brick	$ 152,648 20
6.26 miles—Asphalt	254,735 82
2.66 miles—Granite block	214,576 27
3.68 miles—Bituminous Macadam	261,307 74
1.47 miles—Wood block	72,338 61
16.71 miles—Total	$1,055,606 64

ALLEY CONSTRUCTION.

4.95 miles—Vitrified brick	$102,629 96

ALLEY RECONSTRUCTION.

0.33 miles—Vitrified brick	7,112 68
0.05 miles—Granite block	2,301 33
5.33 miles—Total	$9,414 01
Grand total	$2,191,224 81

The above mileage of street construction and reconstruction is the largest ever reported in any previous year.

The contracts for all of the above named work provide for a guarantee and keeping in repair of all the work done thereunder and the materials used in connection therewith for the below numerated term of years, namely:

Granite and asphalt pavements, for nine years; brick, wood and bituminous macadam, for six years; all commencing one year from the date of completion and acceptance of the work of improvement.

The amount of street paving would have been considerably increased had it not been for the delays caused by the many legal questions arising under the amended charter, and the difficulty in securing the material and labor, due to the increased demand on account of preparing for the World's Fair.

All the materials used for the construction of the aforesaid pavements are of a durable character and will materially assist in making a well paved and cleanly city of St. Louis, and thereby gradually diminish the mileage of our macadam streets, which are more or less a nuisance to any city.

The expenditures for street cleaning and repairs were necessarily large on account of giving special attention to the many miles of macadam and telford pavements. The policy of the Board in recom-

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mending only permanent pavements, and in requiring a guarantee bond for all work now being let, will result in the course of a few years of having a cleaner and better paved city.

With the increased mileage of streets permanently improved, necessarily follows an increased expenditure for street cleaning by the block system and flushing. The appropriations for this work were accordingly increased over last year, and the "White Wings" were placed on every important highway in the business and residence districts.

The question of abolishing grade crossings was begun by having ordinances passed authorizing the following bridges: a temporary bridge across the tracks of the Missouri Pacific and St. Louis and San Francisco Railways at Kingshighway boulevard, a permanent foot bridge on Ewing avenue crossing the tracks in the Mill Creek Valley, and a temporary bridge on Union boulevard, crossing the tracks of the Wabash Railroad. The contracts have been let for all the said bridges. These bridges could be constructed without any change in grade or alignment affecting the interested railroads. The most dangerous grade crossings in the city are at Tower Grove Station. Here it will be necessary for the railroad companies to materially change their present grades, and owing to their rights, granted under State charters, I believe it will require State legislation in advance of municipal authority before any steps can be taken to abolish these crossings. The latter being a matter for the Law Department to take up for consideration.

The numerous excavations made in our streets after a permanent pavement has been laid thereon, are chiefly due to the negligence of the property owners by not paying any attention to the notices sent them by this Department to look after their gas and water services before the street improvement is commenced. The aforesaid notices are sent months in advance of the work with the view of avoiding the tearing up of the pavement after it is laid, but up to the present time have only partly accomplished the desired results.

For information relating to the various branches of the department, I respectfully invite your attention to the accompanying reports of Mr. Geo. B. Stroup, Assistant Street Commissioner; Mr. Carl Gayler, Bridge Engineer; Mr. Jas. C. Travilla, Office Superintendent; Mr. Herman Pfeifer, Engineer of Construction and Reconstruction; Mr. Max Thavonat, Superintendent of Excavations; Mr. Allen Trail, in charge of sidewalk repairs, and Mr. Patrick Fitzgerald, Superintendent of Street Sprinkling.

Respectfully submitted,

CHAS. VARRELMANN,

Street Commissioner.

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TABLES ACCOMPANYING REPORT OF THE STREET COMMISSIONER.

Table No. 1.—Showing construction of streets during the fiscal year 1903-1904.

Table No. 2.—Showing construction of alleys during the fiscal year 1903-1904.

Table No. 3.—Showing reconstruction of streets during the fiscal year 1903-1904.

Table No. 4.—Showing reconstruction of alleys during the fiscal year 1903-1904.

Miscellaneous.

Table No. 5.—Statement of the length and cost of improvement and reconstruction of streets with granite, asphalt, bituminous macadam, wood and brick since 1869.

Table No. 6.—Statement of the length and cost of improvement and reconstruction of alleys with granite, vitrified brick and granitoid since 1884.

Table No. 7.—Mileage of improved and unimproved streets and alleys April 1, 1904.

Table No. 8.—Length and character of street and alley improvements from April 1, 1903, to April 1, 1904.

Table No. 9.—Statement of the number of squares of improved and reconstructed streets April 1, 1904.

Table No. 10.—Statement of street sprinkling for the term ending February 1, 1904.

Table No. 11.—Statement of streets maintained by contract.

Table No. 12.—Statement of work done in numbering houses during the fiscal year 1903-1904.

Table No. 13.—Statement of mileage of street car tracks in the City of St. Louis, April 1, 1904.

Table No. 14.—General information.

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ANNUAL REPORT

——OF——

REPAIRING AND CLEANING STREETS.

Office of the Assistant Street Commissioner.

St. Louis, Mo., April 12, 1904.

Hon. Chas. Varrelmann,
Street Commissioner.

Dear Sir—I have the honor herewith to report the operations of this branch of the Street Department for the fiscal year ending April 11, 1904.

The disbursements for repairs and cleaning of streets during the fiscal year 1903-1904 amounted to $254,736.99 for repairs, and $537,887,51 for cleaning of streets, a grand total of $792,624.50.

GRANITE PAVEMENT.

My last report showed a mileage of 55.19 miles paved. To this were added during the fiscal year by improvement and reconstruction 3.05 miles, making a total of 58.24 miles. Broadway, from Clark Avenue to St. Charles Street; Sixth and Eighth Streets, from Market Street to Washington Avenue, were resurfaced with asphalt, with a mileage of 0.97 miles, leaving granite pavement April 1st, 1904, 57.27 miles, equal to 117,422.66 squares. The city maintains 91,890.17 squares, the railroad companies 19,821.14 squares, while 5,711.35 squares have to be maintained by contractors under the 10 years' maintenance clause; $47,367.60 were expended on repairs of granite streets maintained by the City.

ASPHALT PAVEMENT.

The total length of streets paved with asphalt to date is 28.24 miles, equal to 63,258.48 squares, of which the City maintains 17,120.14 squares; by the railroad companies 8,900.49 squares are maintained, while 11,899.28 squares are maintained by contract at an annual cost of $14,917.94. Contractors maintain 25,338.57 squares under the 10 years' maintenance clause.

There are maintained under contract:

1750.0	squares at	40c	per square per annum.
658.0	squares at	50c	per square per annum.
576.7	squares at	90c	per square per annum.
8912.76	squares at	1.50	per square per annum.

The difference in the price for maintenance from 40 cents per square, per annum, to $1.50, is accounted for as follows:

When the pavements were first laid about 15 to 20 years ago, the maintenance was coupled and associated with the construction of the pavements. Since then these contracts have expired; the pavements very much worn by traffic, and it was found necessary to entirely resurface the streets, hence the price of $1.50.

During the life of the contract, which is ten years, it may become necessary that the contractor be called upon to resurface the streets a second time.

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BITUMINOUS MACADAM PAVEMENT.

During the past fiscal year the Department began with the construction of streets with this material; 6.20 miles of streets, equal to 13,386.24 squares, were paved. These streets have to be maintained by the contractor for seven years under the maintenance clause in their contracts.

VITRIFIED BRICK AND BRICK BLOCK PAVEMENT.

Total mileage at the end of this fiscal year is 51.77 miles, or 107,267.05 squares. Maintained by the City, 57,822.26 squares; by railroad companies, 23,009.58 squares; 26,435.21 squares have to be maintained by contractors for seven years under the maintenance clause in their contracts; $19,600.00 was expended for repairs of brick streets maintained by the City.

WOOD PAVEMENT.

The total mileage to date is 3.33 miles or 5,646.70 squares. The City maintains 2,905.76 squares, the railroad companies 482.57 squares, while contractors under the maintenance clause in their contracts have to maintain 2,258.37 squares.

Expended by the City for repairs of wood pavements, $585.00.

TELFORD PAVEMENT.

78.53 miles of streets are paved with Telford, a decrease of 5.07 miles over last year, which were reconstructed with better material.

NOVACULITE PAVEMENT.

8.74 miles of streets remain paved with this material, no streets having been added.

MACADAM AND LIMESTONE BLOCKS.

Mileage at end of fiscal year, 233.71 miles, a decrease of 8.85 miles of streets, which were reconstructed with better material. This mileage includes 0.67 miles of the old limestone block paving still in existence.

CLEANING OF PAVED STREETS.

By ordinance number 20,220, approved January 22, 1901, amending Section No. 937 of "The Municipal Code of St. Louis," the Street Commissioner was authorized to clean all the paved streets by machine or manual labor, employed daily as needed, the cost for such work to be paid out of the fund set apart by the Municipal Assembly for this purpose.

57.27 miles of granite, 28.24 miles of asphalt, 6.20 miles of bituminous macadam, 51.77 miles of brick and 3.33 miles of wood, a total of 146.81 miles of streets were cleaned by the department at a cost of $269,533.01, which sum includes $98,988.40 used exclusively for 60.08 miles of streets cleaned by the block system.

CLEANING MACADAM, TELFORD AND NOVACULITE STREETS

Expended $268,354.50. Macadam and limestone block streets, 233.71 miles, telford 78.53 miles, novaculite 8.74 miles, total 320.98 miles. Average cost per mile, $836.05.

REPAIRING MACADAM, TELFORD AND NOVACULITE STREETS.

During the fiscal year 1903-1904 the sum of $156,198.73 was expended for material, hauling and freighting for the above mentioned streets. 9,165.5 squares of macadam was obtained from the Work House quarries and 326.5 squares broken by Street Department labor. The following materials were delivered and used on requisition through the Supply Commissioner:

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14,875.63 squares of macadam.
124.8 squares of crushed macadam.
21 squares crushed granite.
197 squares limestone paving blocks.
1,403 feet limestone flagging.
4,239.63 squares gravel.
498.2 feet limestone curbing.
1,108.1 feet granite curbing, and
3,135.4 feet of new 6-inch lock joint granitoid curbing in lengths 5 feet, 16 inches deep.

GARBAGE HAULING.

Under ordinance number 21,420 the Mayor and Comptroller were authorized to purchase for use by the Street Department the personal property forming a part of the garbage hauling plant, from the Excelsior Hauling and Transfer Company, and to lease certain property.

In accordance with this ordinance the following property was turned over to this department:

188 mules.
12 horses.
6 single sets of harness.
97 double sets of harness.
258 collars.
165 halters.
127 wagons of various kinds.
4 buggies.
Wagon material and tools, material ordered not yet delivered.
10 tons of hay.
1000 bushels of corn.
700 bushels of oats.

Very respectfully,

GEO. B. STROUP.
Assistant Street Commissioner.

OFFICE

OF THE

BRIDGE ENGINEER.

Hon. Chas. Varrelmann,
Street Commissioner.

Dear Sir—I respectfully submit the following statement of work done on street bridges and culverts during the fiscal year ending April 11, 1904.

NEW WORK.

The urgent necessity of obviating the crossing on grade of the tracks of the Missouri Pacific and St. Louis and San Francisco railroads on Kingshighway during the World's Fair has led to the building of the wooden viaduct between McRee and Swan avenues, which will be completed within a few days. The sum of $40,000.00 had been appropriated and the contract let to the R. M. Quigley Construction Company. The viaduct is a substantial structure 1,500 feet long, with a roadway 32 feet wide, paved with cedar blocks, and sidewalks seven feet wide with iron railings.

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An appropriation of $16,000.00 was made for the building of a temporary viaduct, to be taken down after the closing of the World's Fair, along Union Boulevard, across Lindell Avenue and the tracks of the Wabash and Colorado railroads. The work was let to the Midland Bridge Co., Kansas City, Mo., and is now under way. This viaduct will be 800 feet long and have a 30-foot roadway, a 10-foot sidewalk along its west side and wooden railings.

A contract was let to the Midland Bridge Co. for a steel foot bridge on concrete foundations and with a wooden floor, 8 feet wide in the clear, and 600 feet long, along the east side of Ewing Avenue, crossing the railroad tracks between Papin Street and Scott avenue. Appropriation $9.000.00.

An appropriation of $3,000.00 was made for paving the north approach of the Twenty-first Street bridge with granite on a concrete foundation. This work will be let within the next two weeks.

The approaches of the Grand Avenue bridge are being reconstructed by the Granite Bituminous Paving Co., the roadway with bituminous macadam, the sidewalks with granitoid pavement. Appropriation $7,000.

REPAIR WORK.

The total appropriation for maintenance of bridges and culverts during the fiscal year 1903-1904 was $42,000.00.

This sum has been, approximately, expended as follows:

Painting: Labor and materials.....		$ 7,000.00
Repairs:		
Labor	$15,000.00	
Materials	14,000.00	
		$29,000.00
Miscellaneous, street and sewer work, etc.....		6,000.00
Total		$42,000.00

Of the usual repairs on the viaducts and the numerous culverts and smaller bridges the following items may be specially mentioned:

About 60 lineal feet of the trestle work at the south end of the Fourteenth Street bridge were removed by extending the south stone approach.

The superstructure of bridge on Eighth and Spruce Streets was replaced by a new one with a roadway floor of granite paving on concrete and granitoid sidewalks, at a cost of $6,000.00. The floor of this bridge was at the same time lowered 18 inches.

The old iron railing of the Fourteenth Street bridge was replaced by a strong gas pipe railing with cast iron posts at a cost of $2,500.00.

Concrete walls for the crusher pit and concrete piers for the elevator were built for the No. 7 Austin crusher now in course of construction at the Work House for the use of the Street Department.

In the above mentioned cases the materials were obtained through requisition on the Commissioner of Supplies and the labor done by our repair force.

The painting, as has been the rule for a number of years, was done by our regular force of painters who also mix the materials which, before acceptance, are tested at the St. Louis Testing Laboratory. The principal items in painting during the last fiscal year were a number of River des Peres bridges, the superstructure of the Grand Avenue bridge and, during the winter months, the offices of the Street Commissioner and of the Commissioner of Supplies.

OFFICE WORK AND MISCELLANEOUS.

At the suggestion of His Honor the Mayor, a report to the Street Commissioner was prepared in this office on the question of abolishing the most important of the remaining grade crossings in this City. This

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involved considerable work on plans, profiles, estimates, etc. I beg leave to lay particular stress on the plans for obviating the grade crossings on Tower Grove Avenue and Old Manchester Road by means of subways, also on general plan for a bridge on Chouteau Avenue over the tracks of the Missouri Pacific Railway. I would respectfully suggest that the authorities should take steps in the near future to have these two urgently needed improvements carried out.

Now that the new Post Office annex and the power house of the Terminal Railroad Association are built along the west side of the Eighteenth Street bridge, the north main span could be replaced by a number of shorter spans. As stated in my report of two years ago, the ironwork of the south main span has suffered very much from the smoke of the engines. The bridge is furthermore of a type rarely adopted except under special conditions, on account of the great vibrations inherent to the system. For these reasons, and in consideration of the very heavy traffic over this viaduct, the time has, in my judgment, arrived for taking up the question of rebuilding the present superstructure.

Beside the office work for the report on grade crossings, mentioned above, detail plans and estimates were prepared for the Kingshighway bridge, Union Boulevard bridge, and Ewing Avenue foot bridge, also for a concrete arch bridge on Fyler Road over River des Peres.

The track stringers of the Twelfth Street bridge were renewed by the St. Louis Transit Company.

The two north spans of the Fourteenth Street bridge were replaced by a single span by the Terminal Railroad Association under a permit from the Board of Public Improvements.

Yours respectfully,
CARL GAYLER,
Bridge Engineer.

OFFICE
OF THE
OFFICE SUPERINTENDENT
STREET DEPARTMENT.

Hon. Chas. Varrelmann,
Street Commissioner.

Dear Sir—I have the honor to submit the following report of work in this division for the fiscal year ending April 11, 1904.

PUBLIC HEARINGS.

The necessary plats, surveys and estimates for thirteen public hearings on street and alley improvements, openings, etc., were prepared for the Board of Public Improvments.

These hearings disposed of two hundred and eighty-four requests for improvements by petition or on Board's motion.

ORDINANCES DRAFTED.

One hundred and sixty-five ordinances were drafted for street and alley construction and reconstruction; thirty-five for street and alley openings and fifty-two for granitoid sidewalks, width of roadway, etc.

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The ordinances drafted for street and alley construction and reconstruction, represented 31.37 miles of streets and 7.39 miles of alleys proposed to be paved.

LETTINGS.

Lettings were prepared for the construction or reconstruction of one hundred and seventy-four streets and alleys; for constructing granitoid sidewalks on thirty-nine streets; for street sprinkling in fifty-four districts and for the construction of three bridges.

The estimated cost of the street and alley work in the above lettings was over $2,161,000.00; for street sprinkling $185,800.00; for bridges, $50,086.00. The estimated cost of all the work let amounting to over $2,396,800.00.

STREET AND ALLEY OPENINGS.

Surveys were made and plats constructed for the opening of the following streets and alleys.

Streets.

Ordinance No. 21,000.—Opening Shreve avenue from Natural Bridge road to Lee avenue.

Ordinance No. 21,005.—Opening De Soto avenue from Blair avenue to west line of College Realty Company's subdivision.

Ordinance No. 21,009.—Opening Suburban avenue from Hodiamont avenue to St. Louis & Suburban Railway right-of-way.

Ordinance No. 21,150.—Opening Semple avenue from Minerva avenue to Wells avenue.

Ordinance No. 21,154.—Opening Westminster Place from Kingshighway boulevard to Lake avenue.

Alleys.

Ordinance No. 21,001.—Opening alley in city block No. 4551.
Ordinance No. 21,002.—Opening alley in city block No. 2994.
Ordinance No. 21,004.—Opening alley in city block No. 3807E.

Special plats for benefit districts were prepared for all street openings under consideration by Commissioners appointed by the Circuit Court.

GENERAL WORK.

A large part of the office work consisted of preparing plats for improvements, platting cross-sections, making estimates and preparing final measurements for one hundred and forty-nine contracts for street and alley paving that were executed during the year.

Twenty plats of additions, subdivisions and dedications, and forty-two plans of street railroad special work submitted to the Board of Public Improvements were returned with reports applicable thereto.

The necessary posting of official maps and records was carried on whenever the opportunity offered itself, so that the general records relating to the city were not allowed to get behind at the expense of the work heretofore mentioned.

The large amount of miscellaneous work associated with the office, together with additional work due to complications from the amended charter has made the year's work greater than that of any preceding year since my association with the office.

Respectfully,

JAS. C. TRAVILLA,
Office Superintendent.

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OFFICE

OF THE

GENERAL SUPERINTENDENT OF STREET CONSTRUCTION.

Hon. Chas. Varrelmann,
Street Commissioner.

Dear Sir—I respectfully submit the following report of work done under the supervision of the construction division of this department during the fiscal year ending April 11th, 1904.

The standard form of street construction and reconstruction at the present time, which is adhered to as closely as possible, consists of a granite curb 6 inches wide by 16 inches deep, bedded in concrete and a concrete foundation upon which is laid the pavement, asphalt, bituminous macadam, granite, vitrified brick or wood blocks, as the case may be.

For the granite curb a combination granitoid curb and gutter is sometimes substituted. This is not done, however, unless it is especially desired by the property owners.

During the past fiscal year the first bituminous macadam pavement was laid in this city on West Pine boulevard from Grand Avenue to Spring avenue. So far it has proven satisfactory in every way. The bituminous macadam wearing surface is made two inches thick and consists of crushed granite ranging in size from two inches to an impalpable powder. The various sizes are combined in such proportions as to produce the least number of voids. The stone is then heated to a temperature of about 250 degrees, after which it is thoroughly mixed with hot bitumen, hauled upon the street, deposited in place and rolled. After rolling, the wearing surface is coated with a quick drying bitumen and a thin layer of granite chips is rolled into the surface.

During the past year and the previous year creosoted yellow pine blocks, the first ever used in St. Louis, were laid on Washington boulevard from Grand avenue to Taylor avenue, and on Westminster place from Vandeventer avenue to Walton avenue. Judging by the present appearance of the pavements a long life may be expected of them.

There has been no material change in the manner of laying granite vitrified brick and asphalt streets. Perhaps the most important change made in the specifications of street work during the past year, was that permitting the use of washed gravel in place of macadam for concrete.

More streets and alleys were improved and reconstructed during the past year than in any year in the history of the department. During the summer quite a little delay was occasiond by the inability of the contractors to have their materials delivered promptly. This delay was due in great measure to the phenomenal flood in the Mississippi River, which crippled the railroad service of the city for several weeks during the early summer.

Table 1 to 9, accompanying this report, show in detail the work done by this division of the department in the past and in previous years.

Respectfully submitted,

H. J. PFEIFER,
General Superintendent of Street Construction.

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EXCAVATION DIVISION

OF THE

Street Department.

Hon. Chas. Varrelmann,

Street Commissioner.

Dear Sir—I respectfully submit the following report of the operations of this division of the Street Department for the fiscal year ending April 12th, 1904.

During the year 13,921 permits were issued for excavations in streets and alleys, and 6 permits for guyposts.

The sum of $6,645.00 was collected for repairs of excavations made in improved streets and alleys, and $25,470.25 was collected for inspection fees.

The sum of $49,265.00 is on deposit with the City Treasurer by various parties in compliance with the provisions of Section 925 of the "Municipal Code of St. Louis."

There were 5,176 more permits issued, $12,678.81 more collected for inspection fees, also $2,694.55 more collected for repairs of excavations than in the preceding year.

The Laclede Gas Light Co. laid about 78 miles of gas mains and made 13,655 service connections.

In conclusion I wish to state that the business in this division was over 50 per cent more than that of any previous year.

Very respectfully,

MAX THAVONAT,

In Charge of Excavation Division.

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SIDEWALK DIVISION

OF THE

Street Department.

Hon. Chas. Varrelmann,
Street Commissioner.

Sir—I herewith submit the following report of the operations of the Sidewalk Division of the Street Department for the fiscal year ending April 11, 1904.

Official notices were sent to property owners or their agents for the reconstruction and repair of sidewalks and alleys as follows:

First District—Brick	333	
Second District—Brick	597	
Third District—Brick	634	
Fourth District—Brick	131	
Central or Granitoid District—Brick	440	
Alleys—Brick	47	
		2182

In addition to the above, the following number of complaints were investigated:

Police reports	392	
Private complaints	256	
		648

Three hundred and thirty-one permits were issued for reconstruction and repair of granitoid sidewalks, aggregating 17,476 square feet.

Granitoid sidewalks constructed under authority of ordinances, 203,862 square feet.

I am glad to be able to say, that upon re-examination by our inspectors to ascertain if notices had been complied with, they have reported that more than 90 per cent had received prompt attention and believe all would have been completed, were it not for the extremely cold weather prevailing during the past winter, which prevented any out-door work from being performed.

All other miscellaneous correspondence in connection with the business of this division has received prompt and careful attention.

Very respectfully,

ALLEN TRAIL,
In Charge of Sidewalk Division.

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OFFICE

OF THE

SUPERINTENDENT OF SPRINKLING.

Hon. Chas. Varrelmann,

Street Commissioner.

Dear Sir—I respectfully submit the following as my annual report for the season of 1903-4:

The number of miles contracted for was		509.09
At a total cost of		$199,418.00
Average cost per mile		391.71
Deductions by Superintendent	$3,625.06	
Deductions for fire plugs repaired	3,560.18	
Deductions for streets withdrawn	1,500.24	
Total deductions		$ 8,685.48
Net amount paid contractors		$190,732.52
Average cost per front foot		$0.04693

Respectfully submitted,

PATRICK FITZGERALD,

Superintendent of Sprinkling.

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TABLE No. 1.

CONSTRUCTION OF STREETS DURING THE FISCAL YEAR 1903-1904.

Street.	Location.	Material.	Width of Roadway. Feet.	Paid by Property Owners.	Total Cost of Work.	Cost per Front Foot.	Cost per 100 Square Feet.
Berlin av.....	Bet. Newstead av. and Taylor av.....	6-in. gran. curb, 5-in. concrete base, 1½-in.	36	$11.285 14	$11.285 14	$1 41	$1 41
Newstead av....	Bet. Clayton av. and Forest Park bl.....	binder course, 1½-inch Ref. Asphalt.	36	17.781 06	17.781 06	1 50	0 89
Tennessee av....	Bet. Shenandoah av. and Magnolia av....	" " " "	36	14.111 42	14.111 42	1 52	3 59
Fountain av.....	Bet. Walton av. and Kingshighway bl....	" " " "	40	29.755 49	29.755 49	1 60	1 28
No. Market st...	Bet. Spring av. and Sarah st.....	" " " "	36	29.015 84	29.015 84	1 39	3 11
Talmage av.....	Bet Old Manchester rd. & Manchester av.	" " " "	36	6.358 91	6.358 91	1 53	2 18
Oregon av.....	Bet. Utah st. and Wyoming st.....	" " " "	36	6.477 51	6.477 51	1 39	3 29
Wells av.....	Bet. Academy av. and Union bl.....	" " " "	36	11.806 02	11.806 02	1 45	2 37
Utah st.....	Bet. Jefferson av. and California av.....	" " " "	36	13.501 92	13.501 92	1 66	1 76
Arlington av....	Bet. Easton av. and North Market st.....	" " " "	36	18.087 26	18.087 26	1 54	1 52
Arlington av....	Bet. Page bl. and Easton av.....	" " " "	36	23.152 10	23.152 10	1 54	1 71
Minerva av.....	Bet. Kingshighway bl. and Union bl.....	" " " "	36	28.961 54	28.961 54	1 49	2 87
Hebert st.....	Bet. 21st st. and Parnell st.....	" " " "	50	26.328 29	26.328 29	1 83	2 41
Tower Grove av.	Bet. Old Manchester rd. & Manchester av.	" " " "	36	20.246 62	20.246 62	1 94	1 61
Highland av.....	Bet Hamilton av. and Hodiamont av.....	" " " "	30	8.931 90	8.931 90	1 29	3 02
Michigan av.....	Bet. Wyoming st. and Cherokee st.....	" " " "	36	13.837 40	13.837 40	1 49	3 58
Gibson av.....	Bet. Manchester av. & Kingshighway bl..	" " " "	36	35.664 56	35.664 56	1 44	3 29
Cook av.....	Bet. Newstead av. and Taylor av.....	6-in. gran. curb., 6-in. concrete base, vit.	50	14.719 57	14.719 57	2 05	4 13
Oregon av.....	Bet. Shenandoah av. and Accomac st.....	brick paving	36	7.316 87	7.316 87	1 66	3 83
Nagel av.....	Bet. Michigan and Virginia av.....	" " " "	30	3.656 47	3.656 47	1 65	3 37
Page boul.....	Bet. Kingshighway bl. and Union bl.....	" " " "	60	37.494 03	37.494 03	1 77	3 65
Twenty-third st.	Bet. Mallinckrodt st. and Farrar st.....	" " " "	36	9.395 03	9.395 03	2 02	3 32
Texas av.....	Bet. Potomac st. and Miami st.....	" " " "	36	7.447 51	7.447 51	1 59	3 13
Clarendon av....	Bet. Delmar bl. and Page bl.....	" " " "	36	31.154 47	31.154 47	1 64	1 11
Euclid.....	Bet Kingshighway bl. and Scott av.....	" " " "	36	2.699 39	2.699 39	1 07	0 75
Pleasant st.....	Bet. Bailey av. and Kossuth av.....	" " " "	30	5.274 43	5.274 43	1 41	3 42
Florissant av....	Bet. Grand av. and Warne av.....	" " " "	36	19.445 78	19.445 78	1 24	1 41
Walton av.....	Bet. Delmar bl. and Page bl.....	" " " "	36	31.253 21	31.253 21	1 65	1 63
McNair av.....	Bet. Shenandoah av. and Ann av.....	" " " "	36	4.337 07	4.337 07	1 47	3 10
Sarah st.....	Bet. Laclede av. and Duncan av.....	" " " "	36	6.848 45	6.848 45	1 12	0 49
California av....	Bet. Magnolia av. and Cherokee st.....	" " " "	36	27.109 59	27.109 59	1 10	2 56
Magnolia av.....	Bet. Pennsylvania av. and Grand av.....	" " " "	36	34.187 81	34.187 81	1 68	2 09
Vandeventer av.	Bet. Ashland av. and Nat. Bridge rd.....	" " " "	46	8.382 11	8.382 11	1 50	0 94
Cleary av.....	Bet Dickson st. and Cass av.....	" " " "	36	6.594 83	6.594 83	1 58	3 71
Lincoln av.....	Bet. Sarah st. and Warne av.....	" " " "	36	8.398 80	8.398 80	1 50	3 80

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St. Louis av.....	Bet. Euclid av. and Union bl.....	6-in. gran. curb., 6-in. concrete base, vit. brick paving	36	$22.513 62	$22.513 62	$1 02	$0 79
Academy av.....	Bet. Delmar bl. and Page bl.....	" " " "	36	34.001 03	34.001 03	1 79	1 09
Blair av.....	Bet. Newhouse av. and Ferry st.....	" " " "	36	15.851 46	15.851 46	1 69	2 15
Meramec st.....	Bet. Broadway and California av.....	" " " "	36	10.165 43	10.165 43	1 89	2 04
Audubon av.....	Bet. Taylor av. and Euclid av.....	" " " "	36	11.933 51	11.933 51	1 62	2 88
Cass av.....	Bet. 660 ft. w. of Grand av. and Easton av.	" " " "	50	8.134 37	8.134 37	2 72	8 17
Pennsylvania av	Bet. Cherokee st and Juniata st.....	" " " "	36	22.992 47	22.992 47	1 64	3 02
Walton av.....	Bet. Page bl. and Easton av.....	" " " "	36	9.865 78	9.865 78	1 59	2 27
Vest av.....	Bet. Salisbury st. and Glasgow av.....	" " " "	36	18.892 09	18.892 09	1 75	3 93
California av....	Bet. Russell av. and Shenandoah av.....	" " " "	36	9.975 73	9.975 73	1 20	1 72
Newstead av.....	Bet. Suburban Ry. and Easton av.....	" " " "	36	23.158 59	23.158 59	1 54	1 06
Evans av.....	Bet. Prairie av. and Vandeventer av.....	" " " "	50	11.281 13	11.281 13	1 73	2 32
Bismarck st.....	Bet. Lynch st. and Dorcas st.....	" " " "	36	6.884 29	6.884 29	1 53	4 28
West End av.....	Bet. Cook av. and Page bl.....	" " " "	30	2.833 54	2.833 54	1 09	0 72
Labadie av.....	Bet Lambdin av. and Newstead av.....	" " " "	36	18.080 43	18.080 43	1 76	1 76
Nineteenth st....	Bet. Madison st. and North Market st....	" " " "	36	4.781 95	4.781 95	1 49	1 73
Hartford st.....	Bet. Arkansas av. and Grand av.....	" " " "	36	6.520 71	6.520 71	1 42	3 38
Academy av.....	Bet. Page bl. and Easton av.....	" " " "	36	14.221 38	14.221 38	1 52	0 81
Whittier st.....	Bet. Easton av. and Kennerly av.....	6-in. gran. curb., 6-in. hard crushed lime-	36	31.558 60	31.558 60	2 01	3 13
Marcus av.....	Bet. Page bl. and Easton av.....	stone, 2-in. bit. macad. and binder courses	36	10.140 33	10.140 83	1 72	1 14
Vernon av.....	Bet. West End av. and Walton av.....	" " " "	30	12.214 48	21.214 48	1 42	3 10
Marcus av.....	Bet. Easton av. and Ashland av., east.....	" " " "	36	58.188 77	58.188 77	1 87	1 07
Maple av.....	Bet. Hamilton av. and Hodiamont av.....	" " " "	36	18.865 58	18.865 58	1 59	1 79
Hodiamont av...	Bet Maple av. and Etzel av.....	" " " "	36	19.045 26	19.045 26	1 94	1 44
O'Fallon st.....	Bet. Wharf and Lewis st.....	6-in. gran. curb., 6-in. concrete base, gran-	24	1.169 23	1.169 23	1 79	2 40
Jefferson av.....	Bet. St. Louis av. and Hebert st.....	ite block paving.	36	14.199 14	14.199 14	1 61	2 27
		Total	....	$998.487 80	$998.487 80	.....	.....

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TABLE No. 2.

CONSTRUCTION OF ALLEYS DURING THE FISCAL YEAR 1903-1904.

Alley.	In City Block.	Location.	Material.	Width of Improvement. Ft.	Paid by Property Owners.	Total Cost of Work.	Cost per 100 Square Feet.
E. & W.....	1387	From Mississippi av to McNair av. and bet. Ann av. and Gravois av.	Vit. Brick Pav. on 6-in concrete.	15	$2.173 87	$2.173 87	$0 88
N. E. & W..	1886	From Coleman st. to Bacon st. & bet. N. Market st. and Magazine st.	" " "	10	726 02	726 02	0 34
E. & W.....	1260	From California av. to Ewing av. and bet. Lasalle st. and Hickory st.	" " "	15	1.328 67	1.328 67	1 46
E. & W.....	4838	From Kingshighway bl to Academy av. and bet. Kensington av. and Morgan st.....	" " "	15	3.898 69	3.898 69	1 20
E. & W.....	676	From Dolman st. to 18th st. and bet. Geyer av. and Allen av.....	" " "	16	1.167 58	1.167 58	1 43
E. & W.....	1848	From Leffingwell av. to Glasgow av. and bet. Magazine st. and Madison st.....	" " "	11-14	1.669 62	1.669 62	1 34
E. & W.....	821 N	From Lafayette av. to Emmet st. and bet. Dolman st. and 18th st...	" " "	14	2.065 17	2.065 17	1 09
N. & S.....	1761	Bet. Arsenal st. and Wyoming st., Jefferson av and Texas av.....	" " "	20	4.498 62	4.498 62	2 66
Alleys.....	1971	From Pestalozzi st. to Crittenden st. and bet. Missouri & Indiana av.	" " "	15	1.157 57	1.157 57	1 46
N. & S.....	1165	Bet. Bremen av. and Farrar st., 20th st. and 21st st.....	" " "	15-20	2.221 78	2.221 78	2 19
Alleys.....	2063	From Crittenden st. to Arsenal st. and bet. Pennsylvania av. and Minnesota av	" " "	15	1.373 72	1.373 72	1 75
N. & S.....	2304-5	From 22d st to 23d st. and bet. Dickson st. and O'Fallon st.....	" " "	15	2.175 60	2.175 60	1 54
E. & W.....	3353	From Florissant av. to Carter av. and bet. Prairie av. & De Soto av.	" " "	15	2.761 51	2.761 51	1 74
N. & S.....	3383	Euclid av. to Kingshighway bl. and bet. Lindell bl. & Forest Park bl.	" " "	20-22	4.252 71	4.252 71	1 17
E. & W.....	4585	From Spring av. to Vandeventer av. and bet. Washington bl. and Olive st.	" " "	20	5.666 77	5.666 77	1 45
E. & W.....	5219	From Glasgow av. to Garrison av. and bet. Hebert st. and Greer av.	" " "	15	1.625 16	1.625 16	1 15
E. & W.....	1356	Bet. Russell av. and Accomac st., California av. and Oregon av.....	" " "	20	2.933 16	2.933 16	2 22
Alleys.....	1311	Bet. Geyer av. and Russell av., Oregon av. and Nebraska av.....	" " "	20	3.248 55	3.248 55	2 20
Alleys.....	1649	From Winnebago st. to Chippewa st. and bet Jefferson & Texas avs.	" " "	15	2.217 24	2.217 24	1 54
N. & S.....	4946	From Vandeventer av. to Lawrence st. and bet. Russell & Flora avs.	" " "	15	2.654 70	2.654 70	1 24
E. & W.....	2566	Bet. Keokuk st. and Osage st., Ohio av. and Iowa av.....	" " "	20	3.057 30	3.057 30	2 20
Alleys.....	1804	Bet. Sidney st. and Lynch st., Indiana av. and Jefferson av.....	" " "	20	2.147 32	2.147 32	2 45
Alleys.....	2166	From Virginia av. to Theresa av. and bet. Caroline st. and Vista av..	" " "	15	2.924 00	2.924 00	1 66
E. & W.....	3352	From Emily st. to Florissant av. and bet. De Soto and Prairie avs.	" " "	15-18-20	4.434 08	4.434 08	1 95
E. & W.....	4874	From Sarah st. to Whittier st. and bet. Morgan st. and Delmar bl....	" " "	15	3.082 20	3.082 20	1 15
E. & W.....	3914	From Sarah st. to Boyle av. and bet. Lindell bl. and W. Pine bl.....	" " "	20	6.198 95	6.198 95	1 06
E. & W.....	4566	From Sarah st. to Whittier st and bet. Fairfax av. and W. Belle pl.	" " "	15	3.102 09	3.102 09	1 26
E. & W.....	3744	From Sarah st. to Whittier st. and bet. Page bl. and Cook av.....	" " "	20	2.355 63	2.355 63	1 59
E. & W.....	5063	From Taylor av. to Marcus av. and bet. Lewis pl. and McMillan av..	" " "	15	3.610 00	3.610 00	1 18
E. & W.....	5113 C	From Tower Grove av. to Newstead av. and bet. Gibson & Arco avs.	" " "	15	1.739 67	1.739 67	1 38

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E. & W.....	5148	From Academy av. to Clarendon av. and bet. Maple and Vernon avs.	"	"	"	15	3.309 57	3.309 57	1 25
E. & W.....	3727	From Pendleton av to Newstead av. and bet. Easton and Evans avs.	"	"	"	20	3.799 49	3.799 49	1 39
E. & W.....	2269	From Armstrong av. to Missouri av. and bet. Chouteau av. and Lasalle st.	"	"	"	15-17	1.378 92	1.378 92	1 79
N. & S.....	1901	From Montgomery st. to Benton st. and bet. Jefferson & Elliott avs.	"	"	"	20	1.371 30	1.371 30	1 54
E. & W.....	3733	From Vandeventer av. to Sarah st. and bet. Evans av. and Page bl.	"	"	"	20	6.343 60	3.343 60	1 41
			Total	.....		.....	$98.670 83	$98.670 83	.....

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TABLE No. 3.

RECONSTRUCTION OF STREETS DURING THE FISCAL YEAR 1903-1904.

Street.	Location.	Material.	Width of Roadway, Ft.	Paid by Property Owners.	Total Cost of Work.	Cost per Front Foot.	Cost per 100 Square Feet.
Grand av.....	Bet. Lafayette av. and Papin st....	6-in. gran curb, 6-in. concr. base, Nat. Rock. Asphalt paving	50	$37,440 51	$37,440 51	$1 51	$1 59
Broadway.....	Bet. Market st. and Chestnut st...	Renewing and readjusting curb, addit. layer of concrete Nat. Rock Asphalt paving.....	50	2.355 28	2.355 28	1 26	1 91
Broadway.....	Bet. Clark av. and Market st.....	Renewing and readjusting curb, gran. block laid flat side down, Nat. Rock Asphalt paving.....	50	5.827 03	5.827 03	0 98	1 92
Broadway.....	Bet. Chestnut st. and St. Charles st	" " " " "	50	7.475 56	7.475 56	0 95	2 22
Eighth st.....	Bet. Market st. and Washington av.	" " " " "	36	7.775 90	7.775 90	0 75	1 58
Lawton av.....	Bet. Jefferson av. and Grand av....	Renewing and readjusting curb, addit. layer of concrete, 1½-in. binder course, Refined Asphalt pav.	36	39.470 07	39.470 07	1 01	2 43
Ninth st.....	Bet. Cass av. and Hempstead st....	6-in. gran. curb, 5-in. concrete base, 1½-in. binder course, Refined Asphalt paving.....	36	16.580 18	16.580 18	1 66	3 67
Twelfth st. w. hf.	Bet. St. Charles st. & Washington av.	Renewing and readjusting curb, 5-in. concrete base, 1½-in. binder course, Refined Asphalt paving.....	51	2.313 78	2.313 78	1 93	3 04
Twentieth st....	Bet. Market st. and Washington av.	6-in. gran curb, 5-in. concrete base, 1½-in. binder course, Refined Asphalt paving.....	36	13.993 46	13.993 46	1 52	2 51
Ninth st.....	Bet. Hempstead st. and Branch st.	" " " " "	50	71.599 49	71.599 49	2 61	5 17
Ninth st.....	Bet. Branch st. and Bremen av....	" " " " "	36	45.286 74	45.286 74	1 85	3 26
Sixteenth st.....	Bet. Washington and Franklin avs.	" " " " "	36	9.650 51	9.650 51	1 71	2 87
Twelfth st.....	Bet. Washington and Lucas avs...	" " " " "	50	2.192 68	2.192 68	2 00	2 75
Twelfth st.....	Bet. Lucas av. and Franklin av....	" " " " "	30	7.816 11	7.816 11	1 62	4 86
Grand av.....	Bet. Manchester and Laclede avs..	Renewing and readjusting curb, 6-in. concrete base, Nat. Rock Asphalt.....	50	8.962 87	8.962 87	1 29	0 96
St. Louis av.....	Bet Broadway and Fifteenth st...	6-in. gran. curb, 5-in. concrete base, 1½-in. binder course, Refined Asphalt paving.....	36	29.165 96	29.165 96	1 68	3 79
Sixth st.....	Bet. Market st. and Washington av.	Renewing and readjusting curb, gran. blocks, laid flat side down, 1½-in. bind course, Ref. Asp. pav.	36	6.997 21	6.997 21	0 65	1 51
High st.....	Bet. Lucas av. and Franklin av....	6-in. gran. curb, 5-in. concrete base, 1½-in. binder course, Refined Asphalt paving.....	45	9.454 21	9.454 21	2 08	7 50
Fifteenth st.....	Bet. Washington and Franklin avs.	" " " " "	36	9.804 99	9.804 99	1 74	2 65
Page bl.....	Bet. Easton av. and Spring av.....	" " " " "	60	20.573 28	20.573 28	2 31	5 14
Leonard av.....	Bet. Morgan st. and Easton av.....	6-in. gran. curb, 6-in. concr. base, vit. brick paving	36	19.881 94	19.881 94	1 51	2 91
Newstead av.....	Bet. McPherson av. and Westminster pl.	Renewing and readjusting granitoid curb and gutter, 6-in. concr. base, vit. brick paving.....	30	2.027 11	2.027 11	0 89	0 54
Eighteenth st...	Bet. Lafayette av. and Park av....	6-in. gran. curb, 6-in. concr. base, vit. brick paving	36	12.998 84	12.998 84	1 74	2 77

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Boyle av.....	Bet. Laclede av. and Olive st.....	Renewing and readjusting granitoid curb and guttering, 6-in. concr. base, vit. brick paving.....	30	$12.242 17	$12.242 17	$0 70	$0 42
Cherokee st.....	Bet Lemp av. and Jefferson av....	6-in. gran. curb, 6-in. concr. base, vit. brick paving	36	14.883 74	14.883 74	1 21	1 22
Cass av.....	Bet. Jefferson av. and Garrison av.	" " " " "	50	27.885 60	27.885 60	1 88	4 13
Cass av.....	Bet. Garrison av. and Grand av....	" " " " "	50	29.388 89	29.388 89	2 28	3 89
Cass av.....	Bet. Grand av. and 660 feet w. of Grand av.....	" " " " "	50	11.006 77	11.006 77	2 30	5 77
Shenandoah av..	Bet. Jefferson av. and Nebraska av.	" " " " "	36	22.333 14	22.333 14	1 71	3 25
Washington av..	Bet. Pendleton av. and Taylor av..	Renewing and readjusting curb, 6-in concr. base, creosoted long leafed southern yellow pine pav.	40	22.692 41	22.692 41	1 66	2 58
Westminster pl..	Bet Vandeventer av. and Sarah st.	3-ft. granitoid curb and gutter, 6-in. concr. base, creosoted long leafed southern yellow pine pav.	31	16.428 48	16.428 48	1 40	2 94
Westminster pl..	Bet. Sarah st. and Walton av.....	" " " " "	31	33.217 72	33.217 72	0 97	2 01
West Pine bl.....	Bet. Grand av. and Spring av.....	3-ft. granitoid curb and gutter, preparing and readjusting old macad. roadway, bit. macad. paving	45	12.233 79	12.233 79	1 59	1 83
West Pine bl.....	Bet. Spring av. and Kingshighw. bl.	" " " " "	45	104.591 30	104.591 30	1 65	0 72
Delmar bl.....	Bet. Grand av. and Vandeventer av.	" " " " "	47	25.051 45	25.051 45	1 44	2 95
Delmar bl.....	Bet. Vandeventer and Taylor avs..	6-in. gran. curb, preparing and readjusting old macadam, bit. macadam paving.....	44	68.760 39	68.760 39	1 78	3 67
Delmar bl.....	Bet. Kingshighway and Union bls.	" " " " "	2-25' rdwys.	33.336 85	33.336 85	1 57	3 02
Jefferson av.....	Bet. Lafayette av. and Park av....	6-in. gran. curb, 6-in. hard crushed limestone, bit. macadam paving	50	17.303 96	17.306 96	2 10	2 65
Gravois av.....	Bet 18th st. and Jefferson av.....	6-in gran. curb, 6-in. concr. base, granite blocks..	36	50.260 30	50.260 30	2 62	5 27
Gravois av.....	Bet. Jefferson av. and Arsenal st..	" " " " "	36	35.477 12	35.477 12	2 07	4 84
Biddle st.....	Bet. Wharf and Broadway.....	" " " " "	30	17.200 38	17.200 38	2 25	3 71
Poplar st.....	Bet. Fourth st. and Broadway.....	" " " " "	30	2.622 57	2.622 57	1 33	2 53
Poplar st.....	Bet. Broadway and Seventh st.....	" " " " "	30	7.101 93	7.101 93	1 74	2 54
Gratiot st.....	Bet. Seventh st. and Eleventh st...	" " " " "	30	19.153 82	19.153 82	2 20	2 93
Jefferson av.....	Bet. Carr st. and Cass av.....	" " " " "	36	21.732 13	21.732 13	1 90	3 29
Broadway.....	Bet. Miami st. and Chippewa st....	" " " " "	50	27.338 59	27.338 59	2 30	3 84
Spruce st.....	Bet. Twelfth st. and Fourteenth st.	" " " " "	36	12.907 73	12.907 73	2 18	4 10
		Total	.....	$1.034.794 94	$1.034.794 94	.....	.....

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TABLE No. 4.

RECONSTRUCTION OF ALLEYS DURING THE FISCAL YEAR 1903-1904.

Alley.	In City Block.	Location.	Material.	Width of Improvement, Ft.	Paid by Property Owners.	Total Cost of Work.	Cost per 100 Square Feet.
N. E. & W.	175	From Ninth to Tenth st. and bet. Franklin av. and Morgan st...	Vit. Brick on 6-in. concrete base	15	$ 478 84	$ 478 84	$6 30
E. & W.....	965	From 23d st. to Jefferson av. and bet. Wash st. and Franklin av	" " "	20	1.952 72	1.952 72	1 56
E. & W.....	1104	From 19th st. to 20th st. and bet. Wright st. and St. Louis av....	" " "	20	2.353 65	2.353 65	1 61
N. & S.....	407	From 12th st. to 13th st. and bet Calhoun st. and Emmet st.....	" " "	19	1.457 97	1.457 97	2 13
N. & S.....	406 S	From Calhoun st. to Geyer av. and bet. 11th st. and 12th st.....	" " "	19	869 50	869 50	3 45
N. & S.....	38	From Spruce st. to Valentine st. and bet. First st. and Second st.	Gran. Blks. on 6-in. concr. base	15	1.629 34	1.629 34	3 47
			Total	....	$8.742 02	$8.742 02	.....

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TABLE No. 5.

STATEMENT OF THE LENGTH AND COST OF IMPROVEMENT AND RECONSTRUCTION OF STREETS WITH GRANITE, ASPHALT, BIT. MACADAM, WOOD AND BRICK, SINCE 1869.

	Granite				Asphalt.				Wood.			
	Miles.	Squares.	Paid by City.	Paid by Property Owners.	Miles.	Squares.	Paid by City.	Paid by Property Owners.	Miles.	Squares.	Paid by City.	Paid by Property Owners.
1869	0 04	87.60	$ 3.504 00	.....	.....	.....	.....	.....	.....	.....	.....	.....
1873	0 06	162.56	13.172 75	.....	.....	.....	.....	.....	.....	.....	.....	.....
1874	0.23	862.10	36.190 90	.....	.....	.....	.....	.....	.....	.....	.....	.....
1876	0.05	260.60	.....	$ 9.329 24	.....	.....	.....	.....	.....	.....	.....	.....
1879	0.05	70.00	2.749 60	.....	.....	.....	.....	.....	.....	.....	.....	.....
1880-1881	0.58	733.63	26.426 43	.....	.....	.....	.....	.....	.....	.....	.....	.....
1881-1882	0.37	426.14	19.010 97	.....	.....	.....	.....	.....	.....	.....	.....	.....
1882-1883	1.92	2.750.79	.....	129.699 74	.....	.....	.....	.....	.....	.....	.....	.....
1883-1884	4.79	7.766.47	6.223 94	401.681 28	2.58	5.167.29	.....	$178,316.05	.....	.....	.....	.....
1884-1885	5.69	8.047.18	11.661 69	441.358 28	.....	.....	.....	.....	1.01	1.949.24	$ 439 68	$ 74.645 44
1885-1886	8 53	14.833.07	13.341 00	821.730 48	1.28	2.411.90	$ 5.808 11	77.458 94	.....	.....	.....	.....
1886-1887	8.62	16,607.75	18,264 12	881.982 05	.....	.....	.....	.....	1.34	2.248.26	.....	93,250 66
1887-1888	2.17	4.420 15	30.237 45	166.103 48	.....	.....	.....	.....	0 37	725.13	.....	30.911 71
1888-1889	6 26	11.370.90	109.708 72	486.195 30	0.10	183.39	.....	6,465 22	2.53	4.888.23	11.658 84	202.272 47
1889-1890	1.63	2.778.91	37.949 48	84.355 60	.....	.....	.....	.....	.....	.....	.....	.....
1890-1891	0.45	623.87	486 89	26.720 17	.....	.....	.....	.....	0.65	455.25	.....	11.798 34
1891-1892	1.59	2.703.39	35.253 87	101.508 23	.....	.....	.....	.....	1 40	1.660.25	.....	46.029 60
1892-1893	1.89	2.869.00	8.420 55	100.223 90	1.31	2.111.59	3.136 46	77.470 38	0 79	1.246.34	486 30	4.096 89
1893-1894	0.71	1.063.23	1,317 40	41.068 51	2.78	5.072 77	10,712 74	185.091 68	.....	.....	.....	.....
1894-1895	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1895-1896	0.13	145.99	.....	3.797 02	.....	.....	.....	.....	.....	.....	.....	.....
1896-1897	1.14	1.558 57	2.485 38	51.623 62	.....	.....	.....	.....	.....	.....	.....	.....
1897-1898	2.11	3.165.28	3.853 78	107.733 52	0.42	464.66	.....	11.629 70	.....	.....	.....	.....
1898-1899	0.99	1.796.85	2.400 62	53.414 09	0.78	1.889.23	.....	57.644 92	.....	.....	.....	.....
1899-1900	.....	.....	.....	.....	0.92	1.750.75	.....	38.383 55	.....	.....	.....	.....
1900-1901	3.10	4.716.76	625 29	172.263 03	.....	.....	.....	.....	.....	.....	.....	.....
1901-1902	1.10	1.719.00	1,457 30	55.583 19	0.33	554 28	.....	17.425 59	.....	.....	.....	.....
1902-1903	0.32	630.25	.....	23.194 69	3.97	9.520.38	.....	221.832 24	.....	.....	.....	.....
1903-1904	3.05	5.711.35	.....	209.162 94	11 80	24.484.38	.....	670.038 80	1.47	2.247.80	.....	72.338 61
	57 57	97.891.39	$384.742 13	$4.368.728 91	26.27	53.610.62	$19,994 32	1,541,757 97	9.56	15.420.49	$12.584 82	$571.343 72

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TABLE No. 5—Continued.

	Bit. Macadam.				Brick.				Total.				
	Miles.	Squares	Paid by City.	Paid by Property Owners.	Miles.	Squares.	Paid by City.	Paid by Property Owners.	Miles.	Squares.	Paid by City.	Paid by Property Owners.	Grand Total.
1869	.....	.....	.....	.....	.....	.....	.....	.....	0.04	87.60	$ 3.504 00	.....	$ 3.504 00
1873	.....	.....	.....	.....	.....	.....	.....	.....	0.06	162.56	13.172 75	.....	13.172 75
1874	.....	.....	.....	.....	.....	.....	.....	.....	0.23	862.10	36.190.90	.....	36.190 90
1876	.....	.....	.....	.....	.....	.....	.....	.....	0.05	260.60	.....	$ 9.329 24	9.329 24
1879	.....	.....	.....	.....	.....	.....	.....	.....	0.05	70.00	2.749 60	.....	2.749 60
1880-1881	.....	.....	.....	.....	.....	.....	.....	.....	0 58	733.63	26.426 43	.....	26.426 43
1881-1882	.....	.....	.....	.....	.....	.....	.....	.....	0.37	426.14	19.010 97	.....	19.010 97
1882-1883	.....	.....	.....	.....	.....	.....	.....	.....	1.92	2.750.79	.....	129.699 74	129.699 74
1883-1884	.....	.....	.....	.....	.....	.....	.....	.....	7 37	12.933.76	6.223 94	579.997 88	586.221 82
1884-1885	.....	.....	.....	.....	.....	.....	.....	.....	6.70	9.996.42	12.101 37	516.003 72	528.105 09
1885-1886	.....	.....	.....	.....	.....	.....	.....	.....	9 81	17.244 97	19.149 11	899.189 42	918.338 53
1886-1887	.....	.....	.....	.....	.....	.....	.....	.....	9.96	18.856.01	18.264 12	975.232 71	993.496 83
1887-1888	.....	.....	.....	.....	.....	.....	.....	.....	2.54	5.155.28	30.237 45	197.015 19	227.252 64
1888-1889	.....	.....	.....	.....	.....	.....	.....	.....	8.89	16.442.52	121.367 56	694.932 99	816.300 55
1889-1890	.....	.....	.....	.....	.....	.....	.....	.....	1.63	2.778.91	87.949 48	84.355 60	122.305 08
1890-1891	.....	.....	.....	.....	.....	.....	.....	.....	1.10	1.079.11	486 89	38.518 51	39.005 40
1891-1892	.....	.....	.....	.....	.....	.....	.....	.....	2 99	4.363.64	35.253 87	147.537 83	182.791 70
1892-1893	.....	.....	.....	.....	.....	.....	.....	.....	3.99	6.226.93	12.043 31	217.791 77	229.835 08
1893-1894	.....	.....	.....	.....	.....	.....	.....	.....	3.49	6.136.00	12.030 14	226.160 19	238.190 33
1894-1895	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1895-1896	.....	.....	.....	.....	.....	.....	.....	.....	0.13	145.99	.....	3.797 02	3.797 02
1896-1897	.....	.....	.....	.....	4 91	8.540.85	$3.586 15	$167.673 50	6.05	1.099.42	6.071 53	219.297 12	225.368 65
1897-1898	.....	.....	.....	.....	3.29	6.122.43	1.102 33	124.614 33	5.82	9.752.37	4.956 11	243.977 55	248.933 66
1898-1899	.....	.....	.....	.....	2.58	5.199.88	1.688 75	109.327 14	4.35	8.885.96	4.347 68	220.386 15	224.733 53
1899-1900	.....	.....	.....	.....	2.06	3.450.44	2.199 42	68.623 07	2.98	5.201.19	2.278 12	170.006 92	109.285 04
1900-1901	.....	.....	.....	.....	2.99	4.325.89	1.753 66	87.684 16	5.83	8.596.82	2.378 95	259.947 19	262.320 14
1901-1902	.....	.....	.....	.....	14 36	24.031.04	12.221 92	528.285 71	15.79	26.304.32	13.679 22	601.294 49	614.973 71
1902-1903	.....	.....	.....	.....	5.70	10.552.89	245 11	261.839 94	9.99	20.703.52	245 11	506.866 87	507.111 98
1903-1904	6.20	13.045 58	.....	$411.291 26	12.75	26.435.21	.....	670.451 13	35.27	71.924 32	.....	2.033.282 74	2.033.282 74
	6.20	13.045 58	.....	$411.291 26	48.64	88.657.63	$22.797 34	$2.018.498 98	147.98	267.980.88	$440.118 61	$8.911.620 84	$9.351.739 45

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TABLE No. 6.

STATEMENT OF THE LENGTH AND COST OF IMPROVEMENTS AND RECONSTRUCTION OF ALLEYS WITH GRANITE, VITRIFIED BRICK AND GRANITOID, SINCE 1884.

Year.	Granite.						Vitrified Brick.						Granitoid.						Grand Total.
	Length.		Area in Squares.	Cost.		Total Cost.	Length.		Area in Squares.	Cost.		Total Cost.	Length.		Area in Squares.	Cost.		Total Cost.	
	Lineal Feet.	Miles.		Paid by City.	Paid by Property Owners.		Lineal Feet.	Miles.		Paid by City.	Paid by Property Owners.		Lineal Feet.	Miles.		Paid by City.	Paid by Property Owners.		
1884-1885	257.0	0.05	35.53	.....	$ 1,865 33	$ 1,865 33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$ 1,865 33
1885-1886	240.0	0.05	36.82	.....	1,638 49	1,638 49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,638 49
1886-1887	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1887-1888	106.0	0.02	13.91	.....	456 51	456 51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	456 51
1888-1889	6,087.0	1.15	1,047.51	$ 396 28	50,948 95	51,345 23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51,345 23
1889-1890	5,751.0	1.09	962.06	348 56	33,894 90	34,243 46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,243 46
1890-1891	6,167.0	1.17	1,031.43	372 43	39,341 35	39,713 78	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39,713 78
1891-1892	5,065.0	0.96	923.21	828 01	41,402 39	42,230 40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42,230 40
1892-1893	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	255.0	0.05	33.72	.....	$ 843 00	$ 843 00	843 00
1893-1894	1,694.0	0.32	277.32	13 76	9,674 53	9,688 29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,688 29
1894-1895	3,645.0	0.69	604.89	.....	15,969 45	15,969 45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,969 45
1895-1896	5,224.0	0.99	939.80	.....	19,602 62	19,602 62	16,330.67	3.09	2,805.86	.....	$ 41,821 89	$ 41,821 89	.....	.....	.....	.....	.....	.....	61,424 51
1896-1897	2,064.9	0.39	359.59	78 81	8,221 27	8,300 08	8,236.48	1.56	1,368.82	.....	21,464 28	21,464 28	.....	.....	.....	.....	.....	.....	29,764 36
1897-1898	2,595.0	0.49	347.16	.....	11,908 48	11,908 48	40,882.00	7.75	7,119.92	$250 63	108,509 80	108,760 43	.....	.....	.....	.....	.....	.....	120,668 91
1898-1899	1,067.9	0.22	183.01	.....	4,605 25	4,605 25	7,318.20	1.39	1,374.45	.....	22,291 06	22,291 06	1,519.9	0.29	187.97	.....	4,368 20	4,368 20	31,264 51
1899-1900	.....	.....	.....	.....	.....	.....	21,517.60	4.08	4,088.66	191 70	65,008 68	65,200 38	244.7	0.05	37.33	.....	821 26	821 26	66,021 64
1900-1901	1,847.1	0.35	259.18	.....	7,550 31	7,550 31	29,110.10	5.51	4,780.92	413 02	77,067 74	77,480 76	.....	.....	.....	.....	.....	.....	85,031 07
1901-1902	972.0	0.18	138.08	.....	3,784 07	3,784 07	26,560.00	5.03	3,526.98	315 46	61,355 26	61,670 72	.....	.....	.....	.....	.....	.....	65,418 79
1902-1903	1,200.0	0.23	197.52	.....	6,956 41	6,956 41	10,333.00	1.95	2,463.53	127 98	54,896 96	55,024 94	.....	.....	.....	.....	.....	.....	61,981 35
1903-1904	264.7	0.05	39.97	.....	1,629 34	1,629 34	25,456.00	4.82	4,655.74	.....	105,783 51	105,783 51	.....	.....	.....	.....	.....	.....	107,412 85
Total.	44,284.8	8.40	11,396.99	$2,037 85	$259,413 65	$261,451 50	185,744.05	35.18	31,184.88	$1298 79	$558,199 18	$559,497 97	2,019.6	0.39	259.02	.....	$6,032 46	$6,032 46	$826,981 93

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TABLE No. 7.

MILEAGE OF IMPROVED AND UNIMPROVED STREETS AND ALLEYS, APRIL 1, 1904.

	STREETS.										ALLEYS.					
	Macadam & Limestone Blocks.	Wood.	Granite	Asphalt.	Bit. Mac.	Brick.	Brick Blocks.	Improved Telford.	Telford.	Novaculite.	Limestone Blocks.	Granite.	Granitoid.	Asphalt.	Brick	Brick Block.
Length of streets and alleys April 1, 1904	233.71	3.33	57.27	28.24	6.20	50.97	0.80	1.01	77.52	8.74	75.08	8.60	1.29	0.04	37.32	0.37
Divided as follows:																
First Superintendent's District	64.66	....	4.31	0.92	....	4.78	....	....	12.71	4.48	13.72	0.04	....	....	4.22	....
Second Superintendent's District	78.18	1.50	24.88	7.24	0.24	4.79	....	....	27.13	1.87	12.73	3.92	0.81	0.03	8.47	....
Third Superintendent's District	50.00	1.83	26.51	16.36	4.68	31.36	0.23	1.01	26.87	1.08	46.26	4.59	0.48	0.01	19.41	0.37
Fourth Superintendent's District	40.87	....	1.57	3.72	1.28	10.04	0.57	....	10.81	1.31	2.37	0.05	....	....	5.22	....
Total as above	233.71	3.33	57.27	28.24	6.20	50.97	0.80	1.01	77.52	8.74	75.08	8.60	1.29	0.04	37.32	0.37

Streets reconstructed.....16.71 miles
Streets new improved....19.46 miles
Alleys reconstructed..... 0.38 miles
Alleys new improved..... 4.95 miles

	Streets, Miles.	Alleys, Miles.
Reported April 1, 1903	879.77	321.18
Additions:		
By additions and subdivisions	1.12	2.60
By ordinances	0.07	0.73
Total length of streets and alleys April 1, 1904	880.96	324.51
Deductions:		
Vacated by ordinances	0.09	.....
Actual length of streets & alleys April 1, 1904	880.87	324.51
Of which are: Improved streets and alleys.	467.79	122.70
Unimproved streets and alleys	413.08	201.81
Total as above	880.87	324.51

	Streets, Miles.	Alleys, Miles.
Macad & Limest. Blks.	233.71	75.08
Wood	3.33	.....
Granite	57.27	8.60
Asphalt	28.24	0.04
Bit. Macadam	6.20	.....
Brick	50.97	37.32
Brick Block	0.80	0.37
Improved Telford	1.01	.....
Telford	77.52	.....
Novaculite	8.74	.....
Granitoid	.....	1.29
Total	467.79	122.70

	Miles.
Unimproved Streets:	
First District	170.29
Second District	167.01
Third District	37.89
Fourth District	37.89
Total	413.08
Unimproved Alleys:	
First District	79.00
Second District	28.32
Third District	42.32
Fourth District	52.17
Total	201.81

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TABLE No. 8.

LENGTH AND CHARACTER OF STREET AND ALLEY IMPROVEMENTS FROM APRIL 1, 1903, TO APRIL 1, 1904.

	STREETS.																									
	Macadam and Limestone Blocks.		Granite.		Asphalt.		Bit. Macadam.		Vitrified Brick.		Vitrified Brick Block.		Wood.								Improved Telford.		Telford.		Novaculite	
													Wooden Blocks treated on Concrete Base.		Pine Wood Blocks not treated on Concrete Base.		Cedar Blocks on Concrete Base.		Creosoted Long Leafed Southern Yellow Pine.							
	Feet.	Mls.	Feet	Mls.	Feet	Mls.	Feet	Mls.	Feet	Mls.	Feet	Mls	Feet	Mls.	Feet	Mls.	Feet	Mls.	Feet	Mls.	Feet	Mls.	Feet	Mls.	Feet	Mls.
Length April 1, 1903....	1,280,631	242.56	291,404	55.19	86,880	16.44	.....	.....	201,246	38.09	4,238	0.80	7,483	1.41	1,366	0.25	1,110	0.22	5,420	1.03	12,537	2.36	428,937	81.24	46,227	8.74
Additions:																										
Impr. to April 1, 1904.	.....	.....	2,081	0.39	29,231	5.54	13,320	2.52	53,387	10.11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Reconstructed	.....	.....	14,040	2.66	33,066	6.26	19,443	3.68	13,954	2.64	.....	.....	.....	.....	.....	.....	.....	.....	7,745	1.47	.....	.....	.....	.....	.....	.....
Total	1,280,631	242.56	307,525	58.24	149,177	28.24	32,763	6.20	268,587	50.84	4,238	0.80	7,483	1.41	1,366	0.25	1,110	0.22	13,165	2.50	12,537	2.36	428,937	81.24	46,227	8.74
Deductions:																										
Reconstructed	46,731	8.85	5,101	0.97	.....	.....	.....	.....	.....	.....	.....	.....	5,308	1.00	278	0.05	.....	.....	.....	.....	7,146	1.35	23,683	4.49	.....	.....
Length April 1, 1904....	1,233,900	233.71	302,424	57.27	149,177	28.24	32,763	6.20	268,587	50.84	4,238	0.80	2,175	0.41	1,088	0.20	1,110	0.22	13,165	2.50	5,391	1.01	405,254	76.75	46,227	8.74
Impr. by priv. parties.	.....	.....	.....	.....	.....	.....	.....	.....	702	0.13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,065	0.77	.....	.....
Reconst. by priv. part.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,233,900	233.71	302,424	57.27	149,177	28.24	32,763	6.20	269,289	50.97	4,238	0.80	2,175	0.41	1,088	0.20	1,110	0.22	13,165	2.50	5,391	1.01	409,319	77.52	46,227	8.74
Deductions:																										
Reconst. by priv. part.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Actual April 1, 1904....	1,233,900	233.71	302,424	57.27	149,177	28.24	32,763	6.20	269,289	50.97	4,238	0.80	2,175	0.41	1,088	0.20	1,110	0.22	13,165	2.50	5,391	1.01	409,319	77.52	46,227	8.74

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TABLE No. 8—Continued.

	ALLEYS.											
	Granite.		Granitoid.		Asphalt.		Brick.		Brick Block.		Limestone Blocks.	
	Feet	Mls.	Feet	Mls.	Feet	Mls.	Feet	Mls.	Feet	Mls.	Feet	Mls.
Length April 1, 1903	45,190	8.55	6,843	1.29	238	0.04	169,171	32.04	1,968	0.37	398,303	75.46
Additions:												
Improved to April 1, 1904	.....	.....	.....	.....	.....	.....	26,156	4.95	.....	.....	.....	.....
Reconstructed	265	0.05	.....	.....	.....	.....	1,769	0.33	.....	.....	.....	.....
Total	45,455	8.60	6,843	1.29	238	0.04	197,096	37.32	1,968	0.37	398,303	75.46
Deductions:												
Reconstructed	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,034	0.38
Length April 1, 1904	45,455	8.60	6,843	1.29	238	0.04	197,096	37.32	1,968	0.37	396,269	75.08
Improved by private parties	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Reconstructed by private parties	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	45,455	8.60	6,843	1.29	238	0.04	197,096	37.32	1,968	0.37	396,269	75.08
Deductions:												
Reconstructed by private parties	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Actual April 1, 1904	45,455	8.60	6,843	1.29	238	0.04	197,096	37.32	1,968	0.37	396,269	75.08

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TABLE No. 9.

ACCOUNT IN SQUARES OF IMPROVED AND RECONSTRUCTED STREETS, 1903-1904.

	Granite.	Asphalt.	Bit. Macad	Brick.	Wood.
Total April 1, 1903	113,797.85	37,756.47	.....	80,615.61	5,514.29
Additions:					
Reconstructed by the Department	5,159.10	14,570.74	8,976.89	5,819.79	2,258.37
Improved by the Department	552.25	10,767.83	4,409.35	20,615.42	.....
Improved by private parties under permit:					
Arsenal st. from Second st. to Broadway	240.88	.....	.....	.....	.....
Duncan av. from Newstead av. 394 ft. west	.....	163.44	.....	.....	.....
Fairmount av. from Clarendon av. to Union boul	.....	.....	.....	216.23	.....
Total	119,660.08	63,258.48	13,386.24	107,267.05	7,772.66
Deductions:					
Reconstructed by the Department	2,237.42	.....	.....	.....	2,125.96
Actual April 1, 1904	117,422.66	63,258.48	13,386.24	107,267.05	5,646.70
Of which are maintained:					
By the City	91,890.17	17,120.14	.....	57,822.26	2,905.76
By Railroads	19,821.14	8,900.49	.....	23,009.58	482.37
By Special Contract	.....	11,899.28	.....	.....	.....
By Contractors under 10 years' maintainance clause	5,711.35	25,338.57	.....	.....	.....
By Contractors under 7 years' maintainance clause	.....	.....	13,386.24	26,435.21	2,258.37
Total as above	117,422.66	63,258.48	13,386.24	107,267.05	5,646.70

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TABLE No. 10.

SPRINKLING STREETS FOR THE TERM ENDING FEBRUARY 1, 1904, FOR SPRINKLING SUCH STREETS AND PUBLIC PLACES AS DESIGNATED BY ORDINANCE No. 20639.

No. of Dist.	Contract No.	CONTRACTOR.	Contract Price per Term.	Deductions.				Net Amount Paid Contractor.	Mileage.	Cost per Mile.	Special Tax per Front Foot.
				By Supt. of Sprinkling.	For Repairing Fire Plugs.	For Streets Withdrawn.	Total.				
1	6376	W. and F. Ruprecht	$2.479 00	$ 4 20	$ 67 75	$ 36 60	$ 108 55	$2.370 45	8.33	$ 284 75	$003.271
2	6377	W. and F. Ruprecht	2.795 00	.....	63 53	54.84	118 37	2.676 63	9.35	286 27	3.187
3	6378	John A. Lohrum	4.669 00	82 55	113 55	138 00	334 10	4.334 90	13.33	325 20	3.639
4	6379	Gottlieb Eyermann	2.755 00	9 20	98 26	.....	107 46	2.647 54	7.65	346 09	3.900
5	6380	Wm. Gartenbach	3.600 00	309 60	46 84	.....	356 44	3.243 56	11.20	289 60	3.199
6	6381	Wade Bros. Construction Co	4.375 00	11 25	80 13	678 72	770 10	3.604 90	12.57	286 78	3.489
7	6382	Wade Bros. Construction Co	4.849 00	95 48	25 90	.....	121 38	4.727 62	12.13	389 74	3.98
8	6383	Heinrich Coal Co	4.063 00	13 10	28 95	12 12	54 17	4.008 83	9.56	419 32	4.252
9	6384	Wade Bros. Construction Co	4.975 00	60 60	30 99	79 32	170 91	4.804 09	14.85	323 52	3.353
10	6385	Friedrich Eck	4.275 00	18 25	93 46	.....	111 71	4.163 29	10.06	413 84	4.526
11	6386	Gottlieb Eyermann	4.987 00	47 40	57 40	.....	104 80	4.882 20	11.15	437 86	4.698
12	6387	Gottlieb Eyermann	6.321 00	96 50	108 68	48 72	253 90	6.067 10	14.54	417 27	4.547
13	6388	Mueller Coal, Heavy Hauling & T Co	3.470 00	230 85	72 50	.....	303 35	3.166 65	7.91	400 35	4.720
14	6389	Frank Sutton	3.800 00	26 30	99 64	12 96	138 90	3.661 10	8.36	437 93	4.929
15	6390	A. F. Pollmann	4.325 00	318 96	101 93	37 68	458 57	3.866 43	9.79	394 93	4.613
16	6391	A. F. Pollmann	6.799 00	158 85	114 39	.....	273 24	6.525 76	15 11	431 88	4.642
17	6392	McGrath & Walsh	4.147 00	120 90	96 72	.....	217 62	3.929 38	9.53	412 32	4.571
18	6393	Fred Ziegler	2.600 00	114 45	13 49	.....	127 94	2.472 06	6.52	379 15	4.15
19	6394	Thos. Skidmore	2.575 00	108 93	30 41	.....	139 34	2.435 66	6.57	355 50	4.098
20	6395	Wurst Coal & Hauling Co	2.989 00	95 90	48 08	.....	143 98	2.845 02	7.13	399 00	4.619
21	6396	Ernst Weber	2.739 00	93 30	39 94	.....	133 24	2.605 76	7.38	366 63	4.086
22	6397	Mueller Coal, Heavy Hauling & T. Co	2.949 00	55 15	40 21	.....	95 36	2.853 64	6.94	411 19	4.57
23	6398	Mueller Coal, Heavy Hauling & T. Co	2.725 00	133 20	25 68	20 52	179 40	2.545 60	6.28	405 36	4.712
24	6399	McGrath & Walsh	2.849 00	42 15	35 15	.....	77 30	2.771 70	7.04	395 13	4.433
25	6400	McGrath & Walsh	2.949 00	183 00	25 35	.....	208 35	2.740 65	6.91	396 62	4.424
26	6401	H. C. Pollmann & Bros. Coal & Sprinkling Co	4.306 00	.....	61 93	.....	61 93	4.244 07	9.57	443 48	4.802
27	6402	H. C. Pollmann & Bros. Coal & Sprinkling Co	2.499 00	5 45	38 51	.....	43 96	2.455 04	5.71	464 98	4.552
28	6403	Wm. H Redemeyer	2.579 00	20 10	44 72	.....	64 82	2.514 18	5.83	431 25	4.617
29	6404	Mueller Coal, Heavy Hauling & T Co	2.648 00	6 80	44 22	.....	51 02	2.596 98	6.23	416 85	4.537
30	6405	Mueller Coal, Heavy Hauling & T. Co	3.424 00	45 00	67 80	.....	112 80	3.311 20	7.61	435 11	4.807
31	6406	Wurst Coal & Hauling Co	3.277 00	.....	52 56	.....	52 56	3.224 44	7.06	456 71	5.047
32	6407	J. P. Schureman	3.090 00	7 85	26 63	.....	34 48	3.055 52	7.27	420 29	4.438

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TABLE No. 11.

STATEMENT OF STREETS MAINTAINED BY CONTRACT.

No. of Contract.	Contractor.	Street.	From	To	Description of Pavement.	No. of Squares.	Completed.	Duration of Maintenance.			Price per Square per Annum.	Time of Semi-Annual Payments.		Amount of Semi-Annual Payments.	Time of First Semi-Annual Payment
								Years.	Commencing.	Ending.					
5362	Gilsonite Roofing & Paving Co.	Euclid av.	Lindell bl.	Delmar bl.	Nat. Rock Asph.	576.70	Aug. 10, '98	5	Aug. 10, '99	Aug. 10, '04	$0.90	Feb.	Aug.	$ 259 51	Feb. 10, 1900
5481	Barber Asph. Pav. Co.	Grand av.	Laclede av.	Morgan st.	Trinidad Asphalt.	972.93	Nov. 2, '99	9	Nov. 2, '00	Nov. 2, '09	0.40	May.	Nov.	194 57	May 2, 1901
5482	" "	Grand av.	Morgan st.	Easton av.	" "	777.92	Nov. 13, '99	9	Nov. 13, '00	Nov. 13, '09	0.40	May.	Nov.	155 58	May 13, 1901
6118	The Barber Asphalt Paving Co.	Pine st.	Nineteenth st.	Grand av.	Maintained by City up to Dec. 13, 1901.	2692.58								2019 44	Dec. 13, 1902
		Locust st.	Fourteenth st.	Theresa av.		3465.34								2599 00	Dec. 13, 1902
		Beaumont st.	Lawton av.	Locust st.		185.73								139 30	Dec. 13, 1902
		Leffingwell av.	Lawton av.	Locust st.		317.86								238 39	Dec. 13, 1902
		Ewing av.	Lawton av.	Locust st.	Trinidad Asphalt.	318.20		10	Dec. 13, '01	Dec. 13, '11	1.50	Jun.	Dec.	238 65	Dec. 13, 1902
		Garrison av.	Lawton av.	Locust st.		319.24								239 43	Dec. 13, 1902
		Cardinal av.	Lawton av.	Olive st.		217.37								163 03	Dec. 13, 1902
		Leonard av.	Olive st.	Locust st.		83.21								62 40	Dec. 13, 1902
		Twelfth st.	Market st.	St. Charles st.		1313.23								984 93	Dec. 13, 1902
6027	Barber Asph. Pav. Co.	Jefferson av.	W. Jeff'son av.	Adams st.	Trinidad Asphalt.	159.79	Dec. 6, '01	9	Dec. 6, '02	Dec. 6, '11	0.50	Jun.	Dec.	39 95	Jun 6, 1903
6102	" "	Garrison av.	Laclede av.	Lawton av.	" "	104.69	Dec. 9, '01	9	Dec. 9, '02	Dec. 9, '11	0.50	Jun.	Dec.	26 17	Jun. 9, 1903
6103	" "	Theresa av.	Laclede av.	Lindell av.	" "	341.13	Dec. 19, '01	9	Dec. 19, '02	Dec. 19, '11	0.50	Jun.	Dec.	85 28	Jun. 19, 1903
6104	" "	Theresa av.	Lindell av.	Olive st.	" "	53.36	Dec. 19, '01	9	Dec. 19, '02	Dec. 19, '11	0.50	Jun.	Dec.	13 34	Jun. 19, 1903
						11899.28 Sqrs.								$7458 97	

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TABLE No. 12.

WORK DONE IN NUMBERING HOUSES DURING THE FISCAL YEAR 1903-1904.

	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	T'l.
Number of city blocks surveyed, platted and replatted	2085	600	94	1059	437	343	250	156	....	....	....	....	....	....	....	....	....	....	....	....	.....	5024
Number of city blocks platted not yet surveyed	.....	1143	.....	524	245	222	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	2134
Number of houses located	36154	4893	745	2422	1516	8176	792	991	....	....	....	....	....	....	....	....	....	....	....	....	.....	55679
Number of doors found on houses	40781	7700	1069	2917	1783	12754	1113	3419	....	....	....	....	....	....	....	....	....	....	....	....	.....	71635
Number of old house number signs found on houses	21500	3401	529	643	1523	6513	701	1742	....	....	....	....	....	....	....	....	....	....	....	....	.....	36552
Number of signs put up	12027	2675	.....	1419	1390	461	47	18	....	....	....	27	11	....	....	....	....	....	....	....	.....	18075
Number of signs made at office	2200	675	.....	1564	1755	511	47	....	....	....	....	27	11	....	....	....	....	....	....	....	.....	6790
Number of signs made by contractor	9827	2000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11827
Number of house numbers issued by certificate	912	5468	1992	1635	1626	1766	1998	1681	3074	3247	2518	2662	2965	1748	2071	1528	1677	1665	2256	2680	2529	47698
Number of house numbers issued to parties sent by police	.....	2853	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2853
Number of house numbers changed by parties on notice from this office	439	675	300	106	151	41	67	33	23	90	68	103	....	....	....	47	52	47	37	31	4564	6864
Number of plats constructed for serving notices from this office	30	37	41	74	22	6	7	1	2	3	....	5	....	3	....	7	9	7	8	9	.....	271
Number of house numbers entered on record books	2900	6090	20316	7010	4972	2541	1897	2793	3074	1832	2933	2662	2965	1748	2071	1528	1729	1712	2256	2680	7093	82402
Length of streets measured on both sides in locating houses ..... miles	108	75	.....	179¼	84 1-6	87 1-12	33½	19	....	....	....	....	....	....	....	....	....	....	....	....	.....	586
RESURVEYS.																						
Number of city blocks resurveyed	.....	....	.....	21	99	58	1709	....	....	....	....	....	14	....	....	....	....	....	....	....	2353	4254
Number of houses located	.....	....	.....	155	1602	1255	1886	....	....	....	....	....	89	....	....	....	....	....	....	....	11765	16252
Number of doors found on houses	.....	....	.....	197	2017	1622	1548	....	....	....	....	....	133	....	....	....	....	....	....	....	.....	5517
Number of old house number signs found on houses	.....	....	.....	154	1501	1160	536	....	....	....	....	....	120	....	....	....	....	....	....	....	.....	3471

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TABLE No. 13.

TRACK MILEAGE OF STREET RAILROADS APRIL 1, 1904.

NAME OF ROAD.	MILES OF SINGLE TRACK.				
	Tracks in operation			Authorized by Ordinance.	
	Used.	Suspended.	Total.	Built.	Not Built.
ST. LOUIS TRANSIT CO. SYSTEM.					
Formerly Lindell Railway Co. System—					
Lindell Ry. Co.	40.29	.....	40.29	2.88	.....
Comp. Hts., U. D. and M. T. R. R. Co.	12.38	.....	12.38	.....	0.58
Taylor Ave. R. R. Co.	9.82	.....	9.82	.....	.....
Vandeventer Ave. R. R. Co.	4.08	.....	4.08	.....	.....
Clayton and Forest Park Ry. Co. (in City)	1.25	.....	1.25	.....	.....
Delmar Ave. and Clayton Ry. Co. (in City)	1.89	.....	1.89	.....	.....
Missouri R. R. Co.	18.28	1.08	19.36	.....	2.68
Forest Pk., Lacl. & Fourth St. Ry. Co.	6.33	.....	6.33	.....	.....
Total	94.32	1.08	95.40	2.88	3.26
Formerly Union Depot R.R. Co. System—					
Union Depot R. R. Co.	42.17	0.93	43.10	.....	.....
Mound City Street Ry. Co.	7.16	.....	7.16	.....	.....
Benton-Bellefontaine Ry. Co.	12.87	0.92	13.79	.....	.....
Grand Ave. Ry. Co.	8.00	.....	8.00	.....	1.40
Kingshighway R. R. Co.	4.64	.....	4.64	.....	.....
Total	74.84	1.85	76.69	.....	1.40
Formerly the National System—					
Cass Ave. and Fair Grounds Ry. Co.	13.16	0.26	13.42	.....	0.89
Northern Central R. R. Co.	10.28	0.13	10.41	.....	3.00
Union Ry. Co.	11.01	.....	11.01	.....	10.50
Citizens Ry. Co.	18.14	.....	18.14	.....	.....
St. Louis R. R. Co.	19.94	.....	19.94	.....	.....
Baden and St. Louis R. R. Co.	6.65	.....	6.65	.....	.....
Southwestern Ry. Co.	2.05	.....	2.05	.....	.....
Total	81.23	0.39	81.62	.....	14.39
Southern Electric Ry. Co.	16.51	1.21	17.72	.....	.....
Jefferson Ave. R. R. Co.	6.07	0.34	6.41	.....	.....
St. Louis Traction Co. (People's Ry.)	9.57	.....	9.57	.....	.....
Central Traction Co. (United Rys. Co.)	6.59	.....	6.59	5.98	.....
Total	38.74	1.55	40.29	5.98	.....
Total St. Louis Transit Co.	289.13	4.87	294.00	8.86	19.06
Fourth Street and Arsenal Ry. Co.	.....	3.75	3.75	.....	.....
Total	.....	3.75	3.75	.....	.....
ST. LOUIS AND SUB. RY. CO. SYSTEM.					
St. Louis and Suburban Ry. Co.	24.75	.....	24.75	.....	.....
St. Louis and Meramec River R. R. Co.	14.41	.....	14.41	.....	.....
Florissant Ave. Electric Ry. Co.	0.76	.....	0.76	.....	.....
Total	39.92	.....	39.92	.....	.....

RECAPITULATION.

St. Louis Transit Co. System.	289.13	4.87	294.00	8.86	19.06
Fourth St. & Arsenal Railway Co.	.....	3.75	3.75	.....	.....
St. Louis & Suburban Railway Co. System.	39.92	.....	39.92	.....	.....
Grand total	329.05	8.62	337.62	8.86	19.06

The Central Traction Co., incorporated March 11, 1898. Name changed to United Railways Co. of St. Louis, July 8, 1899.

The St. Louis Transit Co., incorporated March 6, 1899, Lessee. Lease began October 1, 1899. Lease expires April 1, 1939.

The limit of time for building new street railway tracks under existing ordinances having expired, only such are mentioned herein as are built, or authorized to be built, where no time limit is given.

St. Louis, Mo., April 1, 1904.

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TABLE No. 14.

GENERAL INFORMATION PERTAINING TO THE CITY OF ST. LOUIS.

AREAS OF THE VARIOUS CITY LIMITS.

Territory within the limits of 1839.....	0.75 sq. miles or	477.25 acres
Territory within the limits of 1841.....	4.48 sq. miles or	2,865.10 acres
Territory within the limits of 1855.....	13.94 sq. miles or	8,823.25 acres
Territory within the limits of 1870.....	17.98 sq. miles or	11,504.75 acres
Territory within the limits of 1876.....	61.37 sq. miles or	39,276.25 acres

DISTANCES.

Length of river front.....	19.15 miles
Length of western City Limits.....	21.27 miles
Length of City from extreme north to south (air line).....	17.00 miles
Length of City from extreme east to west (air line).....	6.62 miles

ELEVATIONS.

The City Directrix, upon which all elevations are based, was the top of a square flat stone, located on the west side of the Wharf, between Market st. and Walnut st. It was established in 1826 by Rene Paul, and by Ordinance No. 1257 in 1843. The elevation of the same was 0.00 feet, being the high water mark of 1826. This stone was destroyed in 1890 on account of building the elevated railroad.

The height of the City Directrix above mean tide, Gulf of Mexico, as determined by the Mississippi River Commission, is 412.731 feet.

Zero at Government gauge is 379 feet above mean tide, Gulf of Mexico, a difference of 33.731 feet between gauge and City Directrix.

STAGE OF THE RIVER.

Highest stage of the river, June 10, 1903, 4.27 above City Directrix. Highest stage of the river June 27, 1844, 7.58 above City Directrix. Lowest stage of the river, January 2, 1900, 35.77 below City Directrix. Difference between highest and lowest stage of the river, 43.37 feet.

POPULATION OF ST. LOUIS.

In 1810	700	In 1870	310,864
In 1830	5,852	In 1890	451,770
In 1850	77,824	In 1900	575,238

St. Louis, Mo., April 1, 1904.

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ANNUAL REPORT

OF THE

Commissioner of Public Buildings

——FOR THE——

FISCAL YEAR ENDING APRIL 11, 1904.

April 27th.

To the Honorable Board of Public Improvements.

Gentlemen:—I have the honor to submit the following report of the operations of the Commissioner of Public Buildings Department for the fiscal year ending April 11th, 1904.

Yours respectfully,
G. U. HEIMBURGER,
Commissioner of Public Buildings.

While building operations for the past fiscal year show a decrease in the total estimated valuation from the previous fiscal year of $2,317,522.00 —which has been caused by a difference in the character of the work for the two years—the revenue has been practically the same.

Five thousand and twenty-eight permits were issued during the past fiscal year, which is the largest number issued in any year in the history of the department; exceeding the previous year's high mark by 339 permits.

The receipts of the office have been 54.09 per cent of the total expenses, but the work done by the department upon which no revenue is produced, such as the general enforcement of the various building laws and the state fire escape law (which has heretofore received the assistance of the State Factory Inspector), draughting and superintendence of repair and construction work, and the expenses incident thereto, consume more than 50 per cent of the department's disbursements.

City building repairs have been handled with strict economy (and the amounts expended have been comparatively small considering the high prices of labor and material and the condition of the buildings) looking forward to means for more substantial improvements.

Our city buildings in many cases should receive a general overhauling or be replaced with new buildings adapted to meet the requirements of this raidily growing city and I await with anxiety the means and required legislation to enable me to prepare the necessary designs, plans and specifications and to push the construction work thereafter to an early completion.

During the past year new baths for the House of Refuge have been constructed, the hospital building at the Poor House has been completed, building for engine house No. 40 has been reconstructed, extensive repairs and alterations have been made to the Court House and to various engine houses; hot water system has been installed and laundry dry room built at Insane Asylum, new pipe system has been placed in boiler room

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and slate roof of main building has been renewed at the Poor House, South Side Market has been repaired, heating system at Quarantine has been improved, heating system has been extended, observation ward remodeled and fire escapes erected at Emergency hospital No. 2.

The New City Hospital buildings have been unavoidably delayed on account of the necessity of revising the drawings and in many cases making entirely new designs for the interior work and writing new specifications for the completion of all work not under contract; this work as revised, redesigned and according to new specifications was placed on the market and the bids having exceeded the funds available were rejected by the board. It was considered advisable to defer matters on account of the high prices of labor and material until after the completion of the World's Fair buildings and in the meantime the plans and specifications as above revised and rewritten were again revised for the purpose of further reduction in cost, and now have been transmitted to the board for new bids. Our consequent inability to get the final work on the market has delayed the execution of certain existing contracts which are dependent for their completion upon work which must be done under the final contracts. From present indications these buildings will be completed the coming fall.

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TABLE SHOWING NUMBER OF BUILDING PERMITS ISSUED, FEES COLLECTED FOR SAME AND TOTAL VALUES OF IMPROVEMENTS DURING THE FISCAL YEAR ENDING APRIL 11, 1904.

MONTHS.	BRICK BUILDINGS.				FRAME BUILDINGS.				Estimated cost of additions, Repairs and Alterations to Brick and Frame Buildings.	Total Values.	Fees Collected.
	New.		Additions, Repairs and Alterations.		New.		Additions, Repairs and Alterations.				
	No. of Permits.	Estimated Cost.	No. of Permits.	Estimated Cost.	No. of Permits.	Estimated Cost.	No. of Permits.	Estimated Cost.			
April 14 to 30, inc., 1903	58	$1,007,544	61	$ 42,681	92	$ 20,817	30	$ 2,978	$ 45,659	$1,074,020	$ 1,003 50
May, 1903	91	633,657	78	118,401	162	45,604	52	5,918	124,319	803,580	1,139 00
June, 1903	88	518,878	88	175,081	140	46,708	53	6,993	182,074	747,660	1,101 50
July, 1903	114	1,344,927	83	73,610	167	45,255	62	8,014	81,624	1,471,806	1,614 50
August, 1903	89	603,021	80	65,302	172	54,499	107	19,082	84,384	741,904	1,182 50
September, 1903	116	728,837	116	104,260	205	77,967	92	12,810	117,070	923,874	1,514 00
October, 1903	122	1,266,372	116	184,860	260	196,332	94	11,569	196,429	1,659,133	2,048 00
November, 1903	82	368,552	83	72,334	174	183,679	57	11,054	83,388	635,619	1,032 00
December, 1903	77	852,125	51	92,819	139	310,545	50	7,695	100,514	1,263,184	1,386 00
January, 1904	58	501,524	56	44,065	106	260,136	45	42,610	86,675	848,335	986 50
February, 1904	67	469,465	86	109,826	120	318,970	54	9,169	118,995	907,430	1,308 00
March, 1904	111	925,171	145	214,652	247	468,073	77	9,913	224,565	1,617,809	2,202 00
April 1 to 11, incl., 1904	30	169,600	43	28,339	55	76,220	27	7,785	36,124	281,944	477 50
	1103	$9,389,673	1086	$1,326,230	2039	$2,104,805	800	$155,590	$1,481,820	$12,976,298	$16,995 00

Additional Fees Collected: For Special Inspections and Certificates account strength of buildings, theaters and ranges..... $67.00
Total Fees $17,062 00

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VIOLATIONS OF BUILDING LAW WERE NOTED AND REPORTED TO THIS DEPARTMENT BY ITS INSPECTORS AS FOLLOWS:

	Violations Reported.	Violations Corrected.
Buildings begun without permits	671	641
Bill boards begun without permits	12	12
Roofs covered with prohibited materials	8	6
Stair partitions built of prohibited materials	8	8
Frame buildings built up to property line	9	8
Wooden fences and screens in excess of height permissible	26	23
Wooden and canvas signs in excess of size permitted	11	9
Defective heating flues	136	136
Smoke Stacks and chimneys unsafe and too low	50	47
Chimneys without flue linings	6	6
Absence of fire shutters	1	1
Absence of fire doors	1	1
Hotels without ropes in rooms and alarm bells	508	477
Buildings in an unsafe condition	507	
Buildings put in safe condition		451
Unsafe buildings taken down		97
Cornice in an unsafe condition	15	14
Defective and dilapidated stairs and porches	47	55
Sagged and dilapidated floors of buildings	4	4
Buildings without fire escapes	985	
Buildings on which fire escapes have been erected		343
Cellar ceilings not plastered	7	5
Theaters violating provisions of buildings laws	10	
Obstructions of sidewalks and streets	26	27
Sidewalks unprotected	15	14
Floors not protected for protection of workmen	3	3
Premises where ashes were found in wooden receptacles	78	61
Work done in violation of terms of permit	205	214
Number of permits issued		5,023
Number of permits revoked		35
Number of permits reinstated		26
Notices sent to persons violating the ordinances		2,628
Number of inspections for which written reports were filed in this Dept.		21,678
Violations of city ordinances reported to the City Attorney for prosecutions		268
Prosecutions withdrawn by the Dept. on compliance with the ordinance		186
Fines imposed by Court		37
Cases dismissed by Court		13
Cases not yet disposed of by Court		32
Number of notices sent to persons violating the provisions of the State Fire Escape law		596
Violations of Fire Escape law reported to Prosecuting Attorney		108

EXPENDITURES FROM FUNDS CONTROLLED BY THIS DEPARTMENT. COMMISSIONER OF PUBLIC BUILDINGS.

Salaries of Commissioner, Deputy Commissioner, Inspectors, Clerk and Draughtsman		$14,716 69
Salaries of Members of Board of Appeals		720 00
Salaries of Local Superintendents and extra Draughtsmen		5,042 00
Salaries of additional employes, authorized by ordinance, Record Clerk, Inspectors, Stenographer and Examiner of Plans		6,727 16
		$27,205 85
Horses and Buggies		350 00
Keeping and shoeing horses	$1,917 64	
Repairing vehicles and harness	516 65	
Furniture and repairs	145 87	
Printing	319 25	
Stationery	109 10	
Draughting Materials	51 58	
Car fares	275 00	
Traveling expenses	81 64	
Decorations, etc., account Civic Parade	31 70	
OFFICE EXPENSES—		
Insurance maps	$ 86 00	
Telephones	217 91	
Postage	134 00	
Miscellaneous	103 05	
	$540 96	
		3,989 39
		$31,545 24

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COURT HOUSE.

Salaries—			
For Janitors, Engineers, Firemen and Watchman			$ 6,576 28
Current expenses—			
Awnings and repairing same		$ 70 25	
Fuel		1,339 99	
Ice		194 08	
Towels and washing same		140 65	
Hauling ashes and rubbish		214 29	
Nightwatch signals		60 00	
Disinfectants		15 00	
Brooms, dusters and other supplies and petty expenses		320 52	
			2,354 78
Repairs and alterations—			
Carpentry		$ 35 87	
Plumbing		257 63	
Glazing		37 43	
Plastering		227 00	
Masonry (repairing boiler walls)		15 00	
Painting and papering		101 75	
Smoke Stack		180 00	
Coal Chute		39 50	
Roofs, gutters, downspouts and skylight		438 47	
Repairing steam heating apparatus		132 41	
Asbetholith floor in Sheriff's office		45 00	
		$ 1,510 06	
Repairs and alterations ordered by Clerk of Court	$13,999 94		
Equipping two boilers with Western Smoke Prev't's	300 00		
		14,299 94	
Bills unpaid at beginning of fiscal year—			
Repairing broken marble slab	$ 15 00		
Repairing skylight around dome	90 06	105 06	15,915 06
			$24,846 12

FOUR COURTS.

Salaries—			
For Janitors, Engineers, Firemen, Coal Passers and Watchmen			$ 8,465 57
Current expenses—			
Fuel		$ 3,332 56	
Ice		101 39	
Hauling ashes and rubbish		582 12	
Nightwatch signals		36 00	
Towels and washing same		100 85	
Disinfectants		60 25	
Services backpiling coal and firing		47 29	
Framing notices and repairing tools		22 06	
Brooms, dusters and other supplies and petty expenses		480 43	
		$ 4,762 94	
Bills unpaid at beginning of fiscal year—			
Fuel		586 24	
			5,349 18
Repairs and alterations—			
Carpentry and locksmithing		$ 299 54	
Plumbing		46 87	
Repairing roofs, gutters and downspouts		184 18	
Painting and papering		43 50	
Glazing and plastering		149 40	
Repairing boilers and boiler brickwork		651 80	
Repairing steam heating apparatus		337 56	
Repairing smoke preventer, flag rope, etc		76 90	
		$ 1,789 75	
Repairs and alterations in corridors and Court of Crim. Cor.		1,628 00	
		$ 3,417 75	
Bills unpaid at beginning of fiscal year—			
Carpentry		6 45	3,424 20
			$17,238 95

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OLD CITY HALL.

Salaries—		
For Nightwatchman		$ 600 00
Current expenses—		
Awnings and repairing same	$ 37 25	
Hauling ashes and rubbish	85 44	
Nightwatch signals	60 00	
Miscellaneous expenses (framing notices)	5 00	
		187 69
Repairs and alterations—		
Carpentry and Glazing	$ 84 98	
Plumbing	472 97	
Repairing roofs, gutters and downspouts	270 44	
Locksmithing	13 50	
Plastering	24 70	
Repairing entrance to City Chemist's office and 1st Dist. Pol. Ct.	160 00	
Painting, glazing and general repairs to 1st District Police Court	398 00	
Kalsomining walls and painting woodwark, account City Disp.	63 00	
Changes and repairs in City Chemist's office	110 00	
	$ 1,597 59	
Bills unpaid at beginning of fiscal year—		
Carpentry, account City Chemist's office	48 75	1,646 34
		$ 2,434 03

SECOND DISTRICT POLICE COURT.

Salary of Janitor	$660 00

ERECTION OF NEW CITY HOSPITAL.

Expenditures to April 11th, inclusive, 1904—

Salaries of Superintendents and Draughtsmen	$ 14,400 91
Printing, stationery, supplies for Draughtsmen, etc.	1,273 84
Traveling expenses	194 45
Water cooler, stove, etc.	20 10
Ice and coal	56 11
Telephone toll	3 65
Nightwatch signal service	91 87
Erecting troughs	36 00
Special inspection of heating pipes	40 80
Lining frame office building	81 75
Professional services of Engineer	3,307 39
Removal of old buildings, grading and excavating, Contract 5837	11,300 25
Excavations, concrete work and foundations, Contract 5919	21,736 91
Erection of new buildings, Contract 6079	152,220 24
Electric light, power and telephone wiring, Contract 6199	3,285 59
Erecting thermostats and dampers, Contract 6200	1,730 85
Galvanized iron pipes and flues, Contract 6201	13,033 64
Erection of new buildings, Contract 6241	87,161 86
Laying sewers, area and yard drains and connections for sewage, Contract 6319	4,221 20
Boiler plant, Contract 6325	9,000 00
Construction of elevators, Contract 6326	317 34
Plumbing various buildings, Contract 6327	8,775 95
Putting in window frames and sashes for attic windows, etc., Cont. 6364	1,580 00
Installing heating system, Contract 6667	3,064 50
	$336,935 10
Statement of accounts—	
Appropriations	$585,434 36
Expended account salaries	$ 14,400 81
Expended account expenses	1,640 02
Expended account construction contracts	317,428 33
Expended account miscellaneous contracts	3,465 94
	$336,935 10
Amount unfinished contracts	70,318 61
Balance appropriation unexpended	178,180 65
	$585,434 36

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DRAWINGS AND SPECIFICATIONS FOR THE FOLLOWING WORK WERE PREPARED AND FORWARDED TO THE BOARD OF PUBLIC IMPROVEMENTS:

FIRE DEPARTMENT.

Engine House No. 3—General repairs.
Engine House No. 5—New floors and general repairs.
Engine House No. 6—General repairs and alterations.
Engine House No. 8—New windows, doors and supports for hay loft.
Engine House No. 9—New floor.
Engine House No. 10—New hose tower, roof and general repairs.
Engine House No. 11—Concrete conduit for steam pipe.
Engine House No. 15—Changing lavatories, bath rooms, lockers and front doors.
Engine House No. 17—New floors.
Engine House No. 19—New floors and various repairs.
Engine House No. 20—New one-story cold-storage room.
Engine House No. 21—New stalls, stall floors, lockers and skylight.
Engine House No. 23—New drains and plumbing.
Engine House No. 23—New skylight.
Engine House No. 24—New floor.
Engine House No. 27—New hot water heating boiler and sectional steam heater.
Engine House No. 32—Cold storage room.
Engine House No. 35—Iron cover to area.
Engine House No. 35—Replacing wood floors in stalls and making granitoid floors and driveway.
Engine House No. 36—General repairs.

EMERGENCY HOSPITAL NO. 2.

Repairs and alterations, new doors, windows, guards, painting, etc.
Revision of same.
Remodeling fire escape.

POOR HOUSE HOSPITAL.

Revised details for interior door and window finish.

CITY HOSPITAL.

Fitting up new bath room, first floor.

FOUR COURTS.

General repairs and alterations Criminal Court rooms and adjoining rooms.

INSANE ASYLUM.

Repair of sidewalk lights and window guards.
Blacksmith shop and electrical supply room.
Window guards.
Repairs front stone steps.
New hot water circulating system.
New steam supply and return pipes.
Repairs to plastering.
Repairs to plumbing in laundry.
New granitoid floor in bath room of cottage.
Repairs to gutters, etc.

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FEMALE HOSPITAL.

Repairs and alterations to plumbing.
Plastering and repairs to same.
Boiler furnaces and boiler fronts.

QUARANTINE AND SMALLPOX HOSPITAL.

Additional plumbing and repairs to plumbing.

WORK HOUSE.

New shingle roof on superintendent's residence.

NEW CITY HALL.

Room for Supply Commissioner, fourth floor.
Repairs of plastering, etc., in basement rooms.

OLD CITY HALL.

Plumbing, changes and repairs, City Chemist's office.
Painting, glazing and general repairs, First District Police Court.
Repairs and alterations to plumbing, etc., second floor.
Repairs and alterations, City Chemist's Department, second floor.
Repairing entrance to First District Police Court and City Chemist's office.
Repairs to walls under fumigating room.

COURT HOUSE.

Alterations in room in basement and fixtures for Sheriff.
Fitting up offices for Clerk Circuit Court.
Miscellaneous plumbing.
Fitting up court rooms No. 3, No. 4, No. 10 and No. 11 and adjoining offices.
Alterations of jury rooms, third floor.
New partitions, stairs, etc., account Probate Court rooms.
Alterations, court rooms No. 1 and No. 7.
Alterations and additions for Court House grounds, etc.
Repairs, account fire damage.

NEW CITY HOSPITAL.

All drawings for all work not under contract or completed have been revised and new specifications made for same, bids taken and rejected.
All the drawings have been revised the second time, the specifications revised and sent to the Board of Public Improvements for new bids.
Plans and specifications for grading lot.
Plans and specifications for concrete tunnel and other granitoid work.

Respectfully submitted,
G. U. HEIMBURGER,
Commissioner of Public Buildings.

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ANNUAL REPORT

OF THE

Water Commissioner

OF THE CITY OF ST. LOUIS

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

Office of Water Commissioner,
St. Louis.

Honorable Board of Public Improvements:

Gentlemen—I have the honor to submit the following report for the year ending April 1st, 1904.

The following table shows the expenditures for operating and maintaining the works:

EXPENDITURES.

OPERATING AND MAINTAINING.

Commissioners's Office	$ 11,379 43	
Distribution System	13,007 46	
Tap and Meter Department	24,998 48	
High and Low Service Engines	293,447 54	
Settling Basins	89,999 62	
Street Service Department	135,377 83	
Inspection	15,962 71	
Storage Reservoir	16,207 97	
Electric Plant and Railway	9,429 57	
Total gross expenses for operating and maintaining		$614,810 61

RECEIPTS

Tap and Meter Department	$ 9,743 45	
Street Service Department	26,131 82	
High and Low Service Engines	31,125 04	$67,000 31
Net expenses of operating and maintaining works		$547,810 30

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EXTENSION AND RECONSTRUCTION OF WORKS.

For extending Distribution System		$285,242 59
For Low Service Engines No. 6 and 7	$ 1.060 00	
For High Service Engines No. 11 and 12	122.121 56	
For new Pipe Yard	14.348 59	137.530 15
For reconstructing High Service Station No. 1	$ 18.790 28	
For High Service Engines No. 1, 2 and 3	14.046 47	
For Machine Shops, etc., at Bissell's Point	14.721 31	
For reconstructing Boiler Plants	2.276 98	49.835 04
For Electric Plant Water Works		29.708 92
For Clarifying and Purifying Water Supply		74.557 15
For Water Works Extension, Salaries and Expenses	18.857 57	
Less Brick and Cement Grinding Machine, etc	75 30	18.782 27
Total expended on extension and reconstruction of works		$ 595.651 12
Making a total expenditure for operating, maintaining, extending and reconstructing the works during the year of		$1.143.461 42

A detailed statement of the above expenditures is given in tables "C" 1 and "C" 2 and "D" 1 to "D" 20 inclusive, appended.

PUMPING DEPARTMENT.

The work done by the High Service and Low Service Pumping Stations is given in the three following tables.

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LOW SERVICE ENGINES, CHAIN OF ROCKS
RECORD OF WORK DONE BY LOW SERVICE ENGINES.—A. 1.

MONTH.	Engine No. 4.			Engine No. 5.			Engine No. 6.			Engine No. 7.			Engine No. 8.			Engine No. 9.			Coal in Bushels.	Ashes in Pounds.	U. S. Gallons Water Pumped.	Bushels Coal per Million Gallons.
	Hours.	Minutes.	Revolutions.	Hours	Minutes.	Revolutions.	Hours.	Minutes.	Revolutions.	Hours.	Minutes.	Revolutions.	Hours.	Minutes.	Revolutions.	Hours.	Minutes.	Revolutions.				
April, 1903	142	10	99600	195	30	135000	.....	.....	.....	.....	.....	.....	661	35	519300	696	50	548600	27901	438650	1959325150	14.2
May, "	163	05	116500	162	40	111200	.....	.....	.....	542	35	430200	726	30	566700	290	40	227000	30700	474700	2204947150	13.9
June, "	7	55	6000	112	45	73800	.....	.....	.....	626	20	501100	497	35	389200	581	15	453500	26948	446300	2218759700	12.1
July, "	296	35	204100	366	35	244833	.....	.....	.....	347	45	270401	712	45	551687	721	00	559728	76679	548600	2700443000	13.6
August, "	141	15	90763	234	05	153041	397	55	305572	292	15	306449	508	55	392979	597	35	465644	39665	599430	2606796227	14.1
September, "	9	00	6226	.....	.....	.....	449	30	355017	623	50	500910	564	40	441424	322	10	253598	33127	549000	2470115433	13.4
October, "	6	55	4798	20	30	18618	558	10	429450	713	20	565751	127	00	99031	540	35	416690	30792	485990	2427813135	12.7
November, "	23	55	16860	13	55	9780	515	10	396904	558	20	438047	345	40	266913	444	25	345550	32371	583100	2333179067	13.9
December, "	24	15	14859	59	45	39896	367	50	282248	405	05	314458	615	40	484090	627	55	484614	40467	751400	2548472559	15.9
January, 1904	33	40	24670	13	35	9251	430	15	329038	647	25	505760	470	25	366966	567	15	442178	43804	787900	2670988542	16.4
February, "	229	30	169474	192	15	138495	658	20	527239	621	15	460875	473	55	378025	428	50	337554	44389	893400	3060971400	15.8
March, "	257	45	171377	266	50	179832	543	55	434926	518	35	420949	200	45	160089	275	50	219088	41944	767300	2360639812	17.8
Totals	1336	00	924227	1628	25	1113746	3921	05	3070394	5996	45	4714900	5905	25	4616404	6094	20	4753744	429687	7325770	29562451175	14.5

Total hours ..... **24.892—00** **Total revolutions** **19.193.415**

Engine No. 4 pumped ..... **1262 gallons per revolution.**

Engine No. 5 pumped ..... **1001 gallons per revolution.**

Engine No. 6, 7, 8 and 9 pumped ..... **1590.5 gallons per revolution.**

NOTE—For plunger displacement of pumping engines per revolution, see page 18a, Annual Report for 1900.

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HIGH SERVICE STATION, BADEN.
RECORD OF WORK DONE BY HIGH SERVICE ENGINES—A. 2.

MONTH.	Engine No. 7.			Engine No. 8.			Engine No. 9.			Engine No. 10			Engine No. 11.			Engine No. 12.			Coal in Bushels.	Ashes in Pounds.	U. S. Gallons Water Pumped.	Bushels Coal per Million Gallons.
	Hours.	Minutes.	Revolutions.	Hours.	Minutes.	Revolutions.	Hours.	Minutes.	Revolutions.	Hours.	Minutes.	Revolutions.	Hours.	Minutes.	Revolutions.	Hours.	Minutes.	Revolutions.				
April, 1903.....	235	45	230100	532	00	504400	184	35	154200	574	50	491500	121	00	116300	512	00	500200	44358	766469	1073741900	41.3
May, "	349	45	332900	345	55	331200	443	45	376300	494	05	415400	29	30	24100	586	15	542900	44485	788550	1104249610	40.3
June, "	293	55	233887	129	10	120260	614	05	545161	524	50	469548	220	40	193738	720	00	642960	47942	866731	1280188512	37.4
July, "	396	52	409557	342	45	349418	712	05	665191	345	25	321887	576	30	549698	291	00	272083	51726	896894	1419093206	36.4
August, "	471	15	462591	616	30	631892	678	10	630816	99	20	90527	570	25	546374	274	55	269794	49612	942562	1389374265	35.7
September, "	339	50	364855	366	40	372418	517	40	481596	220	10	200737	562	25	524237	561	25	526274	50127	1020548	1363612269	36.8
October, "	311	00	306900	430	30	426983	561	55	496530	146	58	123730	536	55	486009	633	50	433418	51581	995055	1326291061	39.0
November, "	288	45	296372	423	05	410203	573	15	517261	151	35	118646	540	00	467044	585	30	507301	52068	1023644	1275889572	40.8
December, "	446	35	449668	260	25	255022	627	10	529718	137	15	118515	599	55	528177	642	25	552159	55661	1095071	1347708725	41.3
January, 1904.....	154	25	151864	373	42	361926	610	05	524622	208	55	173715	644	55	564498	812	50	628076	58160	1133983	1369494702	42.4
February, "	281	00	272882	161	20	151560	659	30	563338	251	30	213265	557	50	473756	619	10	530390	54363	1077090	1265488071	43.0
March, "	268	25	273024	338	25	327518	617	20	537370	610	20	534130	738	41	649669	111	05	93996	56660	1118884	1358384033	41.7
Totals	3837	32	3784600	4320	27	4242800	6799	35	6022103	3765	13	3271600	5698	46	5123600	6350	25	5499550	616743	11725481	15573515926	39.6

Total hours .....30,771—58 **Total revolutions** 27,944,253
Engines Nos. 7 and 8 pumped.....407.6 gallons per revolution.
Engines Nos. 9, 10, 11 and 12 pumped.....613.5 gallons per revolution.
NOTE—For plunger displacement of pumping engines per revolution, see page 18a, Annual Report for 1900.

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HIGH SERVICE STATION, BISSELL'S POINT.
RECORD OF WORK DONE BY HIGH SERVICE ENGINES.—A. 3.

MONTH.	Engine No 1.		Engine No. 2.		Engine No. 3.		Engine No. 4.		Engine No. 5.		Engine No. 6.		Coal in Bushels.	Ashes in Pounds.	U. S. Gallons Water Pumped.	Bushels Coal per Million Gallons.
	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.	Hours. Minutes.	Revolutions.				
April, 1903	59—20	48700			518—30	271000	17—45	14000	397—05	296300	260—50	191500	65655	1213139	778730090	84.3
May, "	346—45	287900			*279—45	146000	23—50	17400	307—00	235200	551—35	404500	71839	1335413	945193630	76.0
June, "	676—50	623905							159—05	113268	352—15	249335	43674	843016	799214912	54.6
July, "	741—30	719468					24—45	18623	403—45	305710	301—20	222339	55042	1062811	1025944448	53.7
August, "	727—45	656808							461—55	332870	168—40	116371	50711	1085665	914674635	55.4
September, "	698—15	615922					2—00	1553	226—55	164047	392—50	287798	47650	1048187	866443492	55.0
October, "	728—10	591804					19—50	14502	340—10	234599	310—10	224775	48706	1184532	863544739	56.4
November, "	716—15	474738							142—20	101143	426—10	271012	40513	873323	686246461	59.0
December, "	617—45	403242	126—15	86242					239—45	166830	392—10	264108	46940	986940	745888682	63.0
January, 1904	580—05	402662	171—35	139388			13—30	9682	441—45	300590	318—45	220959	57629	1203719	862544445	66.8
February, "	315—50	240877	521—45	419139			10—15	7784	278—30	196418	266—45	175793	50976	1105893	842554891	60.5
March, "	513—10	371110	697—25	457316							58—55	40010	27641	641789	702917278	39.3
Totals	6721—40	5437136	1517—00	1093085	798—15	417000	112—25	83544	3398—15	2446975	3800—45	2668500	606976	12604457	10033897753	60.5

*Last work done by this engine, which was taken out and is being replaced by a 20 million gallon pump of the same type as Nos. 1 and 2.

Total hours .....16.348—20 Total revolutions 12.146.240
Engines Nos 1 and 2 pumped..... 809.3 gallons per revolution.
Engine No. 3 pumped.....1393 gallons per revolution.
Engines Nos. 4, 5 and 6 pumped..... 811.6 gallons per revolution.

NOTE—For plunger displacement of pumping engines per revolution, see page 18a. Annual Report for 1900.

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DAILY PUMPING—"A" 4. LOW SERVICE ENGINES, CHAIN OF ROCKS.

Day.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	67.2	66.9	61.2	88.7	80.4	82.2	80.6	69.8	78.0	71.2	99.8	99.6
2	68.4	66.7	82.5	86.3	68.0	79.7	82.6	88.9	78.6	88.5	113.2	99.5
3	66.1	58.4	92.6	97.1	84.2	82.0	85.5	80.3	82.9	96.2	114.1	93.9
4	66.3	62.9	63.6	72.2	90.9	83.9	68.8	79.1	76.7	100.8	117.8	91.0
5	66.0	69.5	63.5	76.3	85.8	91.5	80.0	81.1	73.1	106.6	119.8	88.8
6	60.8	69.4	77.0	99.6	81.0	71.4	81.8	80.5	65.0	97.8	120.2	81.3
7	63.9	69.1	65.4	84.6	85.7	82.8	73.7	66.9	79.9	96.4	126.8	86.8
8	57.6	70.1	70.6	91.8	82.8	75.5	75.5	62.6	84.6	98.0	126.5	80.5
9	56.7	56.7	71.7	100.8	72.7	88.0	83.5	72.5	79.7	98.8	131.2	84.9
10	66.2	66.9	77.3	100.5	107.0	68.7	87.6	77.3	77.7	74.5	135.0	85.6
11	65.9	74.8	82.9	92.4	81.9	78.6	56.1	77.5	75.7	97.9	129.2	77.1
12	59.6	72.8	74.1	71.4	78.4	85.2	78.2	64.2	73.9	77.8	128.3	65.1
13	57.0	76.0	71.1	91.3	94.6	79.7	76.9	76.2	75.8	79.0	120.9	59.3
14	55.3	66.5	65.2	71.4	82.6	87.4	71.9	78.7	88.6	84.5	115.7	74.0
15	54.0	63.4	84.5	89.3	75.8	86.4	77.2	62.6	99.8	83.1	80.9	66.0
16	63.3	69.2	75.7	86.1	95.5	76.9	77.9	79.8	97.9	82.0	93.0	68.8
17	66.5	82.4	86.2	76.7	84.0	91.0	75.2	87.5	85.9	74.3	83.9	69.2
18	73.3	69.1	86.4	70.7	79.9	76.5	64.7	76.2	83.2	82.6	108.4	68.8
19	64.3	66.5	80.0	77.6	77.8	86.5	84.3	105.6	89.4	82.4	121.0	66.8
20	57.9	76.2	74.8	89.9	80.1	67.8	73.7	79.1	72.2	82.3	98.2	70.0
21	71.0	77.3	69.0	92.5	89.2	86.7	89.1	81.8	85.6	77.6	109.2	78.3
22	66.4	78.0	63.0	92.7	82.9	86.7	89.0	65.9	83.6	71.7	109.5	79.3
23	69.8	76.8	77.1	98.1	71.4	86.2	80.5	82.3	84.5	75.7	94.9	82.8
24	67.1	72.8	77.0	87.1	75.5	113.0	79.4	80.6	80.6	71.4	85.8	59.5
25	65.0	73.1	62.5	94.5	110.0	83.3	68.6	80.2	67.5	75.7	76.7	60.6
26	63.9	75.1	71.0	79.1	76.1	82.4	78.5	67.3	86.7	44.3	64.1	64.3
27	63.2	89.5	64.6	91.2	82.6	73.0	86.8	76.0	87.2	55.3	94.2	60.3
28	70.0	71.4	63.1	86.6	81.8	80.5	87.3	89.1	83.7	101.9	77.7	74.9
29	77.4	66.3	73.3	91.2	82.2	82.6	77.9	80.0	84.8	116.1	64.9	74.9
30	69.4	70.8	79.2	80.7	101.7	78.7	75.3	83.4	87.6	113.4	.....	77.5
31	.....	54.4	.....	85.8	82.6	.....	86.7	.....	90.2	113.1	.....	75.9
Average....	65.0	70.3	73.5	86.9	84.0	82.5	78.5	77.8	82.0	86.2	105.5	76.2

Average for year, 80.8.
Maximum daily pumping 134,953,443
Minimum daily pumping 44,316,631
Average daily pumping 80,771,724

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DAILY CONSUMPTION OF WATER, APRIL 1, 1903, TO APRIL 1, 1904, IN MILLIONS AND TENTHS OF U. S. GALLONS—"A" 5.

Day.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	78.6	67.4	63.6	77.7	73.9	76.6	71.9	60.1	65.5	61.5	78.8	70.6
2	73.0	64.7	66.9	84.0	64.0	76.5	74.3	69.9	64.9	72.3	79.2	70.8
3	60.1	55.0	61.7	82.4	76.6	78.6	78.0	68.8	66.6	74.1	77.8	68.9
4	50.0	68.3	62.9	67.3	79.9	78.9	63.0	68.9	64.2	84.1	76.8	68.5
5	54.0	64.8	59.7	67.6	77.1	79.1	72.4	66.8	64.6	68.9	73.0	68.7
6	64.2	62.6	65.0	81.9	73.6	65.8	72.6	66.7	59.6	73.0	74.5	58.3
7	63.3	61.9	58.6	82.5	75.8	75.6	69.5	66.3	67.6	71.7	64.1	68.5
8	62.7	66.6	69.7	84.4	75.8	74.6	68.3	60.6	65.3	70.7	71.3	65.1
9	64.6	68.2	76.0	85.7	68.6	73.4	72.5	69.6	65.3	69.8	72.3	67.6
10	59.3	59.9	75.7	82.7	79.7	71.2	71.6	66.6	65.8	63.4	73.0	65.7
11	64.0	71.3	74.5	80.9	73.9	74.5	61.8	65.0	66.2	68.8	72.8	65.5
12	52.9	64.5	75.8	63.2	72.8	77.3	74.3	67.3	68.3	70.3	73.8	57.5
13	58.6	63.6	73.7	79.5	68.7	69.5	71.8	66.7	68.1	72.0	72.5	57.0
14	58.9	64.5	63.6	80.2	70.0	79.5	70.5	66.1	75.6	70.3	65.4	67.8
15	60.0	69.2	76.6	81.3	71.8	74.9	69.3	57.9	73.2	69.2	74.5	66.8
16	60.9	72.7	77.2	75.5	62.5	69.7	71.7	65.6	71.8	69.7	73.5	67.2
17	62.0	62.3	76.9	71.7	74.5	71.1	72.1	65.5	70.0	62.5	77.1	65.5
18	65.4	63.3	77.4	71.9	75.5	71.7	65.3	69.8	71.1	67.7	74.3	67.0
19	52.9	66.8	72.9	65.8	75.0	74.9	70.0	65.7	71.4	68.9	75.1	68.4
20	59.5	65.4	78.0	79.7	76.8	77.0	71.9	67.2	61.8	69.0	73.7	59.0
21	62.2	65.7	62.9	82.7	81.4	76.2	72.0	67.4	68.8	67.0	66.5	68.6
22	62.8	71.4	63.1	80.8	81.2	77.7	72.5	59.0	67.9	67.2	71.4	68.5
23	62.4	74.7	71.6	82.0	69.4	77.5	72.9	68.0	67.9	70.1	73.7	69.8
24	62.2	61.3	70.6	84.1	84.0	75.2	69.5	65.3	66.2	67.4	72.9	69.5
25	59.2	70.2	71.1	87.0	80.9	76.2	61.4	64.6	63.6	83.9	70.8	65.0
26	54.7	73.4	66.0	73.8	73.8	78.0	71.5	59.7	72.4	88.2	71.3	65.7
27	66.2	70.0	63.1	88.0	73.5	66.0	76.0	65.4	64.6	83.9	72.4	58.2
28	69.7	73.8	57.5	87.3	75.6	77.0	69.7	66.5	68.4	79.2	63.4	68.3
29	68.7	65.1	71.4	80.2	75.2	72.1	68.8	60.0	69.5	80.3	70.3	68.1
30	55.3	65.9	75.1	72.3	64.3	74.5	70.0	65.4	68.5	74.6	.....	68.1
31	.....	55.3	.....	75.0	76.4	.....	72.6	.....	68.5	68.1	.....	67.1
Average	61.6	66.3	69.3	78.7	74.3	74.6	70.6	65.4	67.5	71.9	72.6	66.2

Average for year, 70.0.

Maximum daily consumption	88.224.600
Average daily consumption	69.925.000
Minimum daily consumption	49.947.500
Total consumption	**25.592.568.300**

AVERAGE DAILY CONSUMPTION OF WATER.—"A" 6.

Month.	1902-1903.	1903-1904.	Month.	1902-1903.	1903-1904.
April	59.306.000	61.647.000	November	64.078.000	65.423.000
May	68.951.000	66.137.000	December	62.530.000	67.537.000
June	69.607.000	69.299.000	January	64.872.000	71.870.000
July	72.952.000	78.656.000	February	63.883.000	72.643.000
August	72.182.000	74.258.000	March	61.052.000	66.173.000
September	67.979.000	74.699.000			
October	67.148.000	70.650.000	Average	66.211.000	69.916.000

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AVERAGE DAILY CONSUMPTION OF WATER PER MONTH IN MILLIONS OF U. S. GALLONS—"A" 7.

	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Ave.
1871	.....	.....	.....	.....	.....	.....	12.9	13.2	13.3	13.1	12.2	12.6	12.9
1872	12.5	13.1	12.0	12.5	13.0	15.0	15.9	16.9	16.5	16.1	15.1	15.7	14.5
1873	16.1	15.5	14.6	13.8	14.2	16.6	18.0	19.2	18.5	17.8	16.4	15.7	16.4
1874	16.2	15.5	14.6	15.2	17.5	20.0	21.5	19.4	19.7	18.6	17.8	18.8	17.9
1875	21.1	21.7	21.3	18.7	18.9	19.6	20.1	21.9	22.2	21.8	18.8	15.5	20.1
1876	17.2	16.9	16.1	17.4	20.1	22.0	23.4	24.2	24.8	24.5	21.2	22.6	20.9
1877	23.5	20.4	19.8	19.1	20.8	22.7	24.9	27.3	25.4	23.7	20.0	20.6	22.3
1878	20.8	19.6	20.1	22.0	23.1	22.5	26.3	25.9	25.4	24.5	23.2	22.8	23.0
1879	29.0	24.6	22.6	21.6	24.8	26.0	27.0	28.5	25.3	25.7	21.4	22.9	25.0
1880	21.3	21.0	19.5	21.2	24.1	25.5	28.0	30.0	28.8	27.4	27.1	27.7	25.1
1881	31.8	28.1	24.0	24.8	27.4	29.5	28.0	29.4	27.6	26.8	26.1	26.8	27.5
1882	26.1	25.0	26.3	27.7	28.1	29.5	28.8	30.3	29.4	27.8	28.3	28.4	28.0
1883	30.5	27.7	25.1	26.1	26.6	29.0	28.4	29.4	28.6	25.2	26.8	26.5	27.5
1884	26.3	20.9	20.4	19.8	22.7	24.3	27.4	30.3	28.7	26.8	23.9	25.9	24.8
1885	28.8	29.5	23.7	22.6	24.4	27.4	27.4	29.5	28.8	27.0	24.7	25.7	26.9
1886	30.0	28.5	23.9	25.2	28.4	30.7	34.5	34.6	33.1	31.7	29.0	31.0	30.0
1887	28.8	25.4	24.9	26.9	28.6	31.7	35.3	36.6	35.5	32.7	30.1	29.0	30.5
1888	33.6	30.5	27.3	29.4	29.3	33.8	36.7	36.0	35.3	33.4	29.6	27.8	32.7
1889	27.3	29.0	28.7	31.1	32.9	33.5	37.4	39.2	36.5	34.1	29.3	29.0	32.3
1890	28.5	28.4	29.7	30.5	33.1	40.2	44.1	42.8	40.0	37.4	35.2	32.4	35.2
1891	31.8	32.3	32.0	34.5	38.4	41.4	45.7	45.3	47.7	41.8	36.8	35.6	38.6
1892	38.4	34.7	33.9	35.3	37.9	44.4	47.0	51.7	50.2	47.1	40.9	43.8	42.1
1893	46.7	43.8	41.1	40.7	43.3	48.7	52.6	57.6	56.6	49.5	45.8	43.5	47.5
1894	42.6	43.0	46.8	45.4	51.1	59.9	64.6	64.0	60.4	57.0	51.7	48.3	52.9
1895	50.6	55.8	49.6	52.3	56.1	63.3	58.6	61.8	60.5	56.3	49.6	48.1	55.2
1896	47.0	43.5	43.1	49.9	53.4	51.8	58.2	65.6	57.9	51.7	46.9	44.3	51.1
1897	46.2	45.0	41.8	43.9	49.7	55.9	61.7	61.9	65.2	60.0	50.2	50.2	52.6
1898	49.2	49.7	47.3	46.6	49.8	57.6	60.0	63.8	62.0	56.8	54.4	55.0	54.4
1899	54.0	69.5	55.1	54.0	56.0	62.8	64.6	67.8	69.2	61.8	56.2	58.1	60.8
1900	59.7	61.2	55.7	54.6	60.3	65.3	71.1	82.5	73.9	63.5	57.6	56.3	63.5
1901	57.1	57.5	55.3	55.2	62.3	70.0	82.2	81.3	78.9	66.6	60.2	63.5	65.8
1902	60.2	67.8	57.7	59.3	68.9	69.6	72.9	72.2	68.0	67.1	64.1	62.5	65.9
1903	64.9	63.9	61.0	61.6	66.1	69.3	78.6	74.3	74.6	70.6	65.4	67.5	68.1
1904	71.9	72.7	66.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

THE EXPENSES CHARGEABLE TO PUMPING WERE AS FOLLOWS—"A" 8.

	High Service, Bissell's Point	High Service, Baden.	Low Service, Chain of Rocks.
Coal, 7,246.72 tons at $1.24½	$ 9,022 17	.....	.....
Coal, 17,032.32 tons at $1.67½	28,529 13	.....	.....
Coal, 5,471.40 tons at $1.28	.....	$ 7,003 39	.....
Coal, 19,198.32 tons at $1.67½	.....	32,157 18	.....
Coal, 3,421.96 tons at $1.28	.....	.....	$ 4,380 11
Coal, 13,765.52 tons at $1.70	.....	.....	23,401 38
Salaries of engineers, mechanics and laborers	35,397 25	29,719 76	29,231 57
Repairs and reconstruction of engines and boilers	15,095 62	10,951 51	10,004 33
Engines and machine shop supplies	6,599 27	4,523 80	3,689 86
Totals	$94,643 44	$84,356 64	$70,707 25

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THE PUMPING EXPENSES PER MILLION U. S. GALLONS WERE—"A" 9.

	High Service, Bissell's Point	High Service, Baden.	Low Service, Chain of Rocks.
Coal	$3.742	$2.515	$ .939
Salaries of engineers, mechanics and laborers	3.528	1.908	.989
Repairs and reconstruction of engines and boilers	1.504	.703	.333
Engine and machine shop supplies	.658	.290	.125
Totals	$9.432	$5.416	$2.391

COST OF PUMPING PER MILLION GALLONS FOR TEN YEARS, FROM 1885 TO 1895, OLD SYSTEM—"A" 10.

YEARS.	High Service.					Low Service, Bissell's Point.					Totals for Both Services.
	Wages of Engineers, Mechanics, Firemen and Coal Passers.	Coal.	Repairs and Reconstruction.	Supplies.	Totals.	Wages of Engineers, Mechanics, Firemen and Coal Passers.	Coal.	Repairs and Reconstruction.	Supplies.	Totals.	
1885-1886	3.422	4.885	1.120	.475	9.902	1.693	1.735	.214	.208	3.853	13.755
1886-1887	3.171	4.600	.656	.416	8.843	1.571	1.889	.501	.170	4.131	12.974
1887-1888	3.055	4.442	1.328	.506	9.330	1.508	1.934	.712	.238	4.392	13.722
1888-1889	3.144	4.375	1.714	.328	9.561	1.684	2.345	1.032	.121	5.182	14.742
1889-1890	3.035	3.850	1.229	.392	8.506	1.588	1.904	.827	.243	4.562	13.068
1890-1891	2.967	3.462	1.064	.308	7.791	1.475	1.763	.722	.143	4.153	11.964
1891-1892	2.804	3.298	1.093	.444	7.639	1.338	1.587	.873	.233	4.081	11.720
1892-1893	2.606	3.484	1.335	.263	7.688	1.279	1.830	1.053	.172	4.334	12.022
1893-1894	2.604	3.805	1.393	.263	8.065	1.295	1.969	.863	.153	4.280	12.345
1894-1895	2.495	3.779	1.031	.330	7.635	1.529	2.041	.646	.200	4.416	12.051
Average for 10 years	2.929	3.998	1.196	.372	8.495	1.501	1.900	.744	.188	4.338	12.835

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COST OF PUMPING PER MILLION GALLONS, NEW SYSTEM—LOW LEVEL—"A" 11

YEARS.	High Service, Bissell's Point					Low Service, Chain of Rocks					Totals for Both Services.
	Wages of Engineers, Mechanics, Firemen and Coal Passers.	Coal.	Repairs and Reconstruction.	Supplies.	Totals.	Wages of Engineers, Mechanics, Firemen and Coal Passers.	Coal.	Repairs and Reconstruction.	Supplies.	Totals.	
1895-1896	2.943	3.616	1.720	.355	8.634	1.270	.612	.710	.256	2.848	11.482
1896-1897	3.243	3.541	1.780	.388	8.951	1.266	.633	.724	.266	2.889	11.840
1897-1898	3.198	2.940	.747	.402	7.287	1.219	.591	.412	.172	2.394	9.681
1898-1899	4.183	3.013	.967	.437	8.600	1.219	.634	.437	.184	2.474	11.074
1899-1900	3.216	3.371	1.163	.258	8.008	1.168	.691	.411	.183	2.453	10.461
1900-1901	3.898	4.050	.910	.348	9.206	1.142	.762	.462	.244	2.610	11.810
1901-1902	3.772	4.149	1.162	.239	9.322	1.041	.798	.343	.133	2.315	11.637
1902-1903	3.915	4.178	1.103	.274	9.470	1.098	.721	.324	.120	2.263	11.733
1903-1904	3.528	3.742	1.504	.658	9.432	.989	.939	.338	.125	2.391	11.823
1904-1905	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average for 10 years											

COST OF PUMPING PER MILLION GALLONS, NEW SYSTEM—HIGH LEVEL—"A" 12.

YEARS.	High Service, Baden.					Low Service, Chain of Rocks					Totals for Both Services.
	Wages of Engineers, Firemen Mechanics, and Coal Passers.	Coal.	Repairs and Reconstruction.	Supplies.	Totals.	Wages of Engineers, Firemen Mechanics, and Coal Passers.	Coal.	Repairs and Reconstruction.	Supplies.	Totals.	
*1897-1898	4.855	1.489	.453	1.615	8.412	1.219	.591	.412	.172	2.394	10.806
1898-1899	2.805	1.483	.344	.462	5.094	1.219	.634	.437	.184	2.474	7.568
1899-1900	3.241	1.666	.718	.477	6.102	1.168	.691	.411	.183	2.453	8.555
1900-1901	2.460	2.007	1.054	.379	5.900	1.142	.762	.462	.244	2.610	8.510
1901-1902	2.229	2.103	1.054	.395	5.781	1.041	.798	.343	.133	2.315	8.096
1902-1903	2.231	2.065	.921	.427	5.644	1.098	.721	.324	.120	2.263	7.907
1903-1904	1.908	2.515	.703	.290	5.416	.989	.939	.338	.125	2.391	7.807
1904-1905	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1905-1906	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1906-1907	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average for 10 years											

*Started December, 1897.

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TABLE "A" 13.

The following table shows the amount of coal burned at the Low Service Station, Chain of Rocks, per million U. S. gallons of water pumped into settling basins:

YEARS.	Bushels of Coal Used	U. S. Gallons Water Pumped.	Bushels of Coal Used per Million Gallons of Water Pumped.
1895-1896	233,636	18,537,270,000	12.6
1896-1897	236,614	19,083,797,000	12.4
1897-1898	264,178	19,738,240,000	13.4
1898-1899	306,276	21,275,720,000	14.4
1899-1900	328,346	22,734,160,000	14.4
1900-1901	322,257	22,996,750,000	14.0
1901-1902	362,309	25,045,431,000	14.5
1902-1903	365,954	26,072,841,000	14.0
1903-1904	429,866	29,562,451,175	14.5

TABLE "A" 14.

The following table shows the amount of coal burned at the High Service Station, Baden, per million U. S. gallons of water pumped to the city:

YEARS.	Bushels of Coal Used	U. S. Gallons Water Pumped.	Bushels of Coal Used per Million Gallons of Water Pumped.
*1897-1898	45,482	1,136,237,000	40.0
1898-1899	340,015	10,063,552,000	33.8
1899-1900	364,994	10,361,610,000	35.2
1900-1901	436,436	11,894,274,600	36.7
1901-1902	492,135	12,926,515,000	38.1
1902-1903	523,263	13,106,743,000	39.9
1903-1904	616,743	15,573,515,926	39.6

*Started December, 1897.

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TABLE "A" 15.

The following table shows the amount of coal burned at the High Service Station, Bissell's Point, per million U. S. gallons of water pumped to the city:

YEARS.	Bushels of Coal Used.	U. S. Gallons Water Pumped.	Bushels of Coal Used per Million Gallons of Water Pumped.
1885-1886	788.781	9.817.943.000	80.3
1886-1887	866.633	10.877.896.000	79.7
1887-1888	902.477	11.520.608.000	78.3
1888-1889	873.406	11.481.771.000	76.1
1889-1890	933.154	11.863.457.000	78.6
1890-1891	931.791	13.144.565.000	70.9
1891-1892	1.105.050	14.453.390.000	76.4
1892-1893	1.197.163	16.140.476.000	74.1
1893-1894	1.282.025	17.366.270.000	73.8
1894-1895	1.396.450	20.030.271.000	69.7
1895-1896	1.501.861	19.542.768.000	76.8
1896-1897	1.418.970	18.653.013.000	76.1
1897-1898	1.251.918	18.299.928.000	68.6
1898-1899	773.877	10.736.739.000	72.1
1899-1900	865.041	11.752.651.000	73.6
1900-1901	824.531	11.087.465.000	79.8
1901-1902	929.293	11.598.606.000	80.1
1902-1903	925.267	11.076.904.000	83.5
1903-1904	606.976	10.033.897.753	60.5

TABLE "A" 16.

The following table shows the amount of coal burned at the Low Service Station, Bissell's Point, per million U. S. gallons of water pumped into settling basins for ten years previous to its abandonment:

YEARS.	Bushels of Coal Used	U. S. Gallons Water Pumped.	Bushels of Coal Used per Million Gallons of Water Pumped.
1885-1886	289.703	9.924.698.000	29.2
1886-1887	360.018	10.979.076.000	32.8
1887-1888	397.761	11.665.516.000	34.1
1888-1889	474.363	11.644.333.000	40.7
1889-1890	414.946	11.939.159.000	34.8
1890-1891	474.889	13.177.804.000	36.0
1891-1892	537.050	14.202.274.000	36.8
1892-1893	637.308	16.447.584.000	38.7
1893-1894	666.475	17.447.937.000	38.2
1894-1895	622.856	16.256.910.000	38.3

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WORK DONE DURING YEAR ENDING APRIL 1, 1904, BY THE CONSTRUCTION DEPARTMENT.

Testing of High Service Engines Nos. 11 and 12, results computed and tabulated and report made.

Erection of High Service Engine No. 1 completed; started trial run March 16th, 1903. The year of probation commenced July 1st, 1903.

Foundation of old High Service Engine No. 3 removed, foundation prepared for new High Service Engine No. 3 and bolt holes drilled for same.

About 25 per cent of the erection has been completed on High Service Engine No. 3.

Erection of High Service Engine No. 2 completed; started trial run December 9th, 1903.

A 36-inch discharge and 42-inch suction valve for High Service Engine No. 2 placed in position and supported, also one length of 36-inch pipe with clamp put in beyond discharge valve.

The erection of steam and feed water piping, also feed water fitters, has been completed, and pipes and fitters covered.

One battery of boilers at Low Service Station, Chain of Rocks, has been equipped with John O'Brien' Down Draft Furnace.

On January 21st, 1904, smoke test was made on boilers at High Service Station No. 2, in order to test the Hyro-Carbon System of Smoke Prevention.

On January 22nd, 1904, test was made on same boilers, but without smoke burners. Results of these tests were computed and report made.

At various times during the year indicator work was done on Electrical Units and Pumps.

About thirty complete drawings and tracings were made during the year, and about the usual amount of miscellaneous drafting work, such as sketches, etc.

Specifications were prepared for a 250 K. W. Direct Current Generator and Engine. Contract has been let and erection of same will shortly commence.

Erected Mercury Column apparatus for testing High Service Engine No. 1 established elevations, installed weighing tank, made necessary pipe connections preparatory to making Official Duty Test.

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GENERAL REPAIRS TO BUILDINGS AND MACHINERY.

Low Service Station, Bissell's Point.

This Station has been abandoned and the Engines, Boilers and all appurtenances have been condemned and sold.

Low Service Station, Chain of Rocks.

New pump valves and springs put in all pumps where found necessary.

Repairs due to accident to Engine No. 6 were made. Keys and gibs were straightened and new bottom section of pump barrel put in.

Two feed pumps were overhauled.

New tubes were put in water tube boilers.

The engine house has been painted and all necessary general repairs made.

All buildings are in good condition.

High Service Station No. 1.

New roofs have been built on the store-room, machine and blacksmith shops.

Painting has been done where found necessary.

All boilers have been repaired and changes made in circulating and blow-off system of same.

High Service Station No. 2.

All pump cages of H. S. Engines Nos. 4, 5 and 6 have been taken out, cleaned, painted and replaced.

36-inch cast iron packing rings have been put in all pump stuffing boxes.

All boilers habe been repaired and changes made in blow-off system.

Boiler house roof has been repaired and a new floor put in coal house.

High Service Station No. 3.

New independent air compressor and all necessary steam and air pipes put in.

Cracked valve chamber of H. P. pump of H. S. Engine No. 10 taken out and new one put in.

All engines, pumps, boilers and buildings were kept in repair and are in good condition.

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GENERAL DATA—DUTY TESTS OF HIGH SERVICE ENGINES.

H. S. STATION No. 3.

Date of Test.	No. 7. 1899. June 6 and 7.	No. 8. 1899. June 9 and 10.	No. 9. 1900. Feb. 15 and 16.	No. 10. 1900. Feb. 26 and 27.	No. 11. 1903. Mch. 10 and 11.. Mch. 25 and 26 April 1 and 2.	No. 12 1903. April 21 and 22. May 5 and 6.
Duration of test.....hours	24	24	24	24	18-18-20	18-18
Steam pressure at throttle.....lbs.	136.0	137.0	126.9	126.2	137.9	135.3
Vacuum .....lbs.	13.14	13.03	14.01	14.04	13.35	13.36
Entrained water in steam.....%	.18	.18	.227	.4	.206	.249
Revolutions per minute.....	16.44	16.43	16.47	16.43	16.42	16.41
Piston speed per minute.....ft.	175.36	175.25	197.64	197.16	197.16	197.48
Average head .....ft.	293.89	293.9	293.1806	292.1189	292.761	292.6454
Indicated horse power.....	548.71	544.93	812.7	801.6	800.3	795.9
Dry steam per I. H. P. per hour...lbs.	11.627	11.632	10.776	10.676	10.841	10.877
Duty per 1000 lbs.—Feed Water..ft. lbs	160,166,000	161,240,000	175,584,672	177,900,928	176,984,750	176,684,627
Duty per 1000 lbs.—Dry Steam..ft. lbs.	160,435,000	161,530,000	175,984,156	178,615,389	177,346,679	177,177,365
Duty per 1,000,000 B. T. U.....ft. lbs.	143,404,000	144,365,000	155,238,000	158,077,300	155,852,867	156,970,540
Contract price	$66,000 00	$66,000 00	$83,500 00	$83,500 00	$93,200 00	$93,200 00
Bonus earned	$35,166 00	$36,240 00	$40,984 15	$43,615 38	$42,346 68	$42,177 36

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WORK DONE BY EXTENSION DEPARTMENT DURING THE YEAR ENDING APRIL 1, 1904.

At the Chain of Rocks the work of changing the Settling Basins from the fill and draw method to that of flowing sedimentation over weirs has been almost completed. There are now five weirs in service and work on the sixth and last is well advanced. The receiving chamber at the head of the basins was finished in December last, and has been in use since March 20, the delay being caused by the failure to receive the sluice gates made by the Coffin Valve Company of Boston, who were more than ninety days behind time on delivery of the first gate, the second not having been delivered at this date.

Work on the by-pass along the east side of the basin has been delayed by the failure of the contractors to deliver material and by the unusually severe winter through which we have passed, but the work is now being as rapidly done as possible.

About $77,000.00 has been expended in building the "Weir System" and by-pass.

A frame building 48x144 feet has been built over the up-take shaft with bins, tanks, mechanical appliances and power for the purpose of storing, mixing and applying a coagulant to the river water. The cost of this installment has been about $7,000.00

An unprecedented amount of trouble was experienced at the wet well on account of ice coming through the tunnel during the extreme cold weather. The ice elevator in the south end of the wet well broke down at the beginning of the cold weather and could not be repaired owing to the impossibility of emptying the wet well at the time. Two derricks with hoisting engines were placed at opposite ends of the wet well and were kept running continuously as long as ice came in. These engines were used altogether twenty-six days, hoisting 500 to 600 cubic yards of ice each day. The expense of this amounted to about $5,000.00.

Plans are being made for building a new elevator at the north end of the wet well, and also for repairing the old one at the south end, so that no further trouble may be anticipated from that source.

Pipe and sewer connections for washing away the ice have all been made.

Borings have been made on the east side of the present settling basins and plans drawn for two additional basins of about 75,000,000 gallons capacity, so that contracts will be let for this work, should it be deemed advisable.

The revetment along the river front at the Chain of Rocks has been fully repaired wherever breaks have occurred. About $1,600.00 has been spent on these repairs.

The Chain of Rocks Park has been kept up during the year, many new trees having been planted, roads and walks repaired and put in order.

At Baden Pumping Station surveys and estimates have been made, and borings taken for building the Covered Storage Reservoir of 25,000,000 gallons capacity. Plans and specifications for this reservoir have been completed and contract can be let at any time. These plans contemplate sewer connection with the Mississippi River by way of the Gimblin Avenue Sewer, which will be deep enough to drain the engine pits at Baden.

An additional greenhouse has been built at Baden to accommodate the growing needs of the Department.

A shelter house for passengers and an additional car shed have been built at Baden for the electric road.

A contract for extending the electric road to Bissell's Point was let on October 30, 1903. The track for this extension is all down and as soon as the work of surfacing, bonding the rails, erecting poles and stringing trolley and feed wires is finished the road will be put in operation, giving through service from Bissell's Point to the Chain of Rocks.

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Plans for new machine shops and office building at Bissell's Point are completed and it is likely that this building can be ready for occupancy by the first of next year.

The concrete storage coal shed at Bissell's Point was completed last June and was filled with coal last summer. All the switch tracks in the Bissell's Point yards have been relaid with new steel.

The repairs of Compton Hill Reservoir were completed early last summer, the basins having been in service since that time.

The office building at the Pipe Yard on Kighshighway and Eager Road was completed about August 1st. The grading and a portion of the switch tracks were completed a month earlier. The material for the remainder of the switches is on the ground and the track will be completed within the next month.

The work of keeping up the grounds, roads and fences at all of the Stations has occupied a large force of men throughout the year, excepting during the extreme cold weather of the past winter.

The buildings at all the stations have been repaired whenever necessary and have been kept in good condition.

SETTLING BASINS AND CONDUITS.

The Amount of Sediment Removed from the Basins at Chain of Rocks is shown by the Following Table:

DATE.	No. 1.		No. 2.		No. 3.		No. 4.		No. 5.		No. 6.		Cost.
	a	b	a	b	a	b	a	b	a	b	a	b	
May, 1903	30	18	....	....	....	....	....	....	....	....	....	....	$ 655 30
June, "	....	....	26	12	....	....	....	....	....	....	....	....	381 12
July, "	....	....	....	....	21	10	27	19	....	....	....	....	503 31
August, "	....	....	20	12	....	....	....	....	36	24	36	26	938 50
September, "	36	22	....	....	....	....	....	....	....	....	....	....	277.75
October, "	....	....	....	....	....	....	30	18	24	15	22	13	508 62
November, "	....	....	....	....	36	25	....	....	....	....	....	....	239 75
Total	66	40	46	24	57	35	57	37	60	39	58	39	$3,504 35

Note—Columns "a" show total sediment deposited; columns "b" show the sediment removed by manual labor.

The total amount of sediment deposited in the basin during the year was 286,562 cubic yards, of which 183,787 cubic yards was removed by manual labor at a cost of $3,054.35, or 1.906 cents per cubic yard. Each basin measures 670x400 feet

The basins have not been cleaned since November, 1903, owing to the extremely cold weather, ice covering the basins the greater portion of the time.

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ELECTRICAL PLANT AND RAILWAY.

At Chain of Rocks about one mile of trolley line was built over spurs and switches, for switching cars of material during reconstruction of settling basins.

A new 10 h. p. motor was installed in coagulating plant, and coagulating plant building wired for lights.

A new light switch cabinet was placed in boiler room and all light wire put in iron armored conduit.

Telephones connecting screen-chamber and No. 4 gate-house were installed.

At Baden all lighting wires in boiler room, and all exposed wires in pits were placed in iron armored conduit; additional lights were placed on pumps in engine room.

At Bissell's Point telephones connecting H. S. Station Nos. 1 and 2, and gate-house of settling basin were installed.

A new 10 h. p. motor for boiler tube cleaner was installed.

All light wires in boiler rooms 1 and 2 were placed in iron armored conduit.

Light system in High Service Station No. 2 was changed.

Machine shop was rewired.

All poles between Baden and Chain of Rocks were given two coats of paint.

Engines, dynamos, track, cars and equipment have been kept in good order.

DISTRIBUTION SYSTEM.

Embracing—

The Engineering Department,
The Street Service Department,
The Tap and Meter Department,
The Inspection Department,
The Storage Reservoir Department.

During the past year the **Distribution System** has been improved by the laying of 20.2 miles of water pipe of all sizes. This mileage includes the extension of the 36-inch main on Twelfth street from Clark avenue to Chouteau avenue; a 20-inch balancing main along the south line of Forest Park from Macklind avenue to the World's Fair Grounds, connecting the 30-inch and 36-inch high pressure mains; and a 20-inch supply main into the southwestern part of the city, laid on Chippewa street from Grand avenue to Gravois avenue.

The early part of the year also the completion of the 36-inch low pressure pump main on Carter avenue from Warne avenue to Newstead avenue.

A general resurvey of the city, checking and amplifying the information gathered during three years, regarding the pressure conditions, was made during the summer of 1903. The results of this survey work are now being compiled and recorded, and will result in the most accurate information ever collected regarding a large city's pressures.

The high pressure system has been extended into several streets in which the pressure was formerly inadequate. The higher portions of the city are now well provided for as regards pressure.

The **Street Service Department** has had the heaviest year in its history. The amount of work done for the betterment of the Distribution System has been large, as has the number of private connections made for general supply and fire protection.

The growth of the Distribution System, comprising at present 729.1 miles of pipe, 8,334 fire plugs and 7,668 stop valves, has made imperative the establishment of sub-stations and supply depots. One of these stations, located on the grounds of the House of Refuge, has been in oper-

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ation for six months and has proved immensely efficient as a time saver in regular maintenance operations and also in preventing delays in prompt handling of leaks.

Another station is now being established at Natural Bridge Road and Kingshighway. This will complete a system of five stations covering the city.

It has been the policy of this department to lay all pipe necessary in streets under contract for improvement in advance of the work. Also wooden valve boxes in such streets have been taken out and replaced with permanent boxes of brick or concrete. The carrying out of this policy will remove the necessity for tearing up the new surfaces for repairs.

The **Tap and Meter Department** has also had the busiest year on record. The number of meters replaced on private connections has been exceptionally large. New meters have been set on a great many house connections by order of the Assessor and Collector of Water Rates. This policy has proved very valuable in the prevention of waste, an inevitable result of the old system of unmetered supplies.

The efficiency of the **Inspection Department** has been greatly increased during the past year. The number of leaks discovered by the Department was 10 per cent of the total number of inspections, as against 5 per cent for 1903.

The number of repairs made as a result of inspections was 96 per cent of the total number of leaks reported, in both 1903 and 1904.

The **Storage Reservoir** Grounds on south Grand avenue have been improved by renovating the Gate House and rebuilding the wooden steps on the embankment. Extensive plans for the beautifying of the grounds during the World's Fair period are now under way.

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WATER PIPE OF ALL SIZES LAID UP TO APRIL 1, 1904—"B" 1.

	48-in.	36-in.	30-in.	20-in.	15-in.	12-in.	10-in.	8-in.	6-in.	4-in.	3-in.	Total.
	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Miles.
Pipe laid previous to Oct. 6, 1877..	.....	33,213.0	16,670.0	76,024.0	41,969.0	35,591.0	45,130.0	.....	608,626.0	9,329.0	68,414.0	177.0769
Pipe laid from Oct. 6, 1877, to Apr. 1, 1903	1,237.0	120,491.5	126,407.5	286,792.0	12,582.5	667,527.5	7,832.0	64,306.5	1,620,078.5	1,991.0	1,096.5	551.2009
Pipe laid by private parties previous to April 1, 1903.....	.....	.....	.....	.....	.....	1,156.5	.....	.....	96,475.5	.....	.....	18.4909
Pipe laid from April 1, 1903, to April 1, 1904.....	.....	5,941.4	.....	7,540.5	113.0	32,123.0	.....	13.0	61,094.0	10.0	.....	20.2338
Total	1,237.0	159,645.9	143,077.5	370,356.5	54,664.5	736,396.0	62,962.0	64,319.5	2,386,274.0	11,330.0	69,510.5	767.0025
Pipe taken up and abandoned previous to April 1, 1903.....	.....	147.0	1,994.0	3,505.0	592.0	13,638.0	2,946.0	6,351.0	155,486.0	2,693.0	9,555.0	37.3121
Pipe taken up and abandoned from April 1, 1903, to April 1, 1904	.....	.....	.....	.....	.....	.....	.....	.....	3,022.0	.....	.....	0.5723
Pipe taken up and abandoned to April 1, 1904.....	.....	147.0	1,994.0	3,505.0	592.0	13,638.0	2,946.0	6,351.0	158,508.0	2,693.0	9,555.0	37.8844
Pipe in service April 1, 1904 (feet).	1,237.0	159,498.9	141,083.5	366,851.0	54,072.5	722,757.5	50,016.0	57,968.5	2,227,766.0	8,637.0	59,955.5	.....
Pipe in service April 1, 1904 (miles)	0.2342	30.2081	26.7203	694793	10.2410	136.8859	9.4727	10.9788	421.9253	1.6358	11.3552	729.1181

Pipe laid previous to Oct. 6, 1877	177.0769	miles.
Pipe laid since Oct. 6, 1877	589.9256	miles.
Total	767.0025	miles.
Pipe in service April 1, 1903	709.4566	miles.
Pipe laid from April 1, 1903, to April 1, 1904	20.2338	miles.
Total	729.6904	miles.
Pipe taken up April 1, 1903, to April 1, 1904	0.5723	miles.
Total in service April 1, 1904	729.1181	miles.

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WATER PIPES LAID FROM APRIL 1, 1903, TO APRIL 1, 1904. B 2.

STREET.	FROM	TO	Size of Pipe and Length in Feet.					Number of Fire Plugs	Cost of Laying Pipe.	Date Water Turned On.
			36-in.	20-in.	15-in.	12-in.	6-in.			
Antelope st.	E. Railroad av.	900 ft. east					651.5	3	$ 227.77	June 4, 1903
Ashland av.	Taylor av.	Marcus av.					1644.0	4	637.44	July 18, 1903
Arsenal st.	Ivanhoe av.	500 ft. west					550.5	2	187.66	Sept. 4, 1903
Alabama av.	Walsh st.	Elchelberger st.					492.0	1	171.32	Oct. 13, 1903
Arkansas av.	Miami st.	Winnebago st.					681.5	1	220.67	Dec. 8, 1903
*Audobon av.	Taylor st.	West					576.0	1		June 3, 1903
*Austin st.	Seventeenth st.	Eighteeenth st.					348.0	1		Dec. 24, 1903
Broadway.	Baden av.	Columbia Bottom.				5612.0	189.0	4	2.837.17	June 5, 1903
Blair av.	Newhouse av.	Penrose st.					676.5	1	234.12	June 12, 1903
Benton st.	Jefferson av.	Leffingwelll av.					700.5	1	235.36	June 17, 1903
Broadway.	Neosho st.	Bates st.		4323.0	43.0		366.5	8	4.302.61	Oct. 9, 1903
*Bismark st.	Lynch st.	Dorcas st.				672.0		1		May 26, 1903
Cottage av.	Marcus av.	1200 ft. west					118.4	4	401.04	July 14, 1903
Cora av.	Nat'l Bridge rd.	San Francisco av.					511.0	1	167.21	Aug. 8, 1903
Carter av.	Newstead av.	Mary av.	3512.5	12.5		31.5	655.0	5	6,415.52	Aug. 15, 1903
Cherokee st.	Broadway	First st.				1402.0	89.5	4	669.73	Sept. 18, 1903
Cooper av.	Shaw av.	Daggett av.					420.0	1	139.00	Aug. 18, 1903
Chippewa st.	Marine av.	Wisconsin av.					518.5		172.54	Sept. 31, 1903
Chippewa st.	Morganford rd.	King's Highway				2675.0	91.0	6	1.191.86	Sept. 1, 1903
*Chouteau av.	Sarah st.	Manchester av.					120.0			June 5, 1903
*Cockrill av.	Ridge av.	City Limits					120.0			Nov. 25, 1903
DeSoto av.	Broadway	Twentieth st.					1257.0	3	414.27	June 6, 1903
DeGiverville av.	Belt av.	DeBalliviere av.					2128.5	5	710.84	June 20, 1903
DeKalb st.	Cherokee st.	Potomac st.					782.0	1	250.62	Sept. 18, 1903
E. Railroad av.	Broadway	Thatcher av.				654.5	10.0	1	277.46	June 4, 1903
Edmund av.	Clayton av.	500 ft. south					560.5	1	182.56	Aug. 20, 1903
Edwards st.	Shaw av.	Wilson av.					837.0	1	379.47	Aug. 19, 1903
*Eighteenth st.	Poplar st.	Clark av.				744.0				Oct. 6, 1903
Eleventh st.	Grand av.	Gano av.					883.0	1	293.13	June 9, 1903
Florissant av.	Tracy rd.	Oriole av.				693.0	25.0	2	308.17	July 28, 1903
Ferry st.	Oak st.	Levee					2157.5	3	710.43	July 24, 1903
Fassen st.	Broadway	Virginia av.					1712.0	4	563 52	Oct. 13, 1903
*Forest Park Police.	Station						156.0	1		Aug. 17, 1903

*Laid by Street Service Department.

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WATER PIPES LAID FROM APRIL 1, 1903, TO APRIL 1, 1904. B 2—Continued.

STREET.	FROM	TO	Size of Pipe and Length in Feet.					Number of Fire Plugs.	Cost of Laying Pipe.	Date Water Turned On.
			36-in.	20-in.	15-in.	12-in.	6-in.			
Garfield av.	Goodfellow av.	1090 ft. east.					1123.0	3	$373.33	July 9, 1903
Glasgow av.	Kossuth av.	Lee av.					402.0	2	216.62	Aug. 6, 1903
Greeniea pl.	Fair av.	400 ft. west.					434.0	2	151.54	Aug. 7, 1903
Grand av.	Koeln av.	Upton st.					354.5	1	119.30	Dec. 1, 1903
Hornsby pl.	Broadway.	500 ft. west.					584.5	2	198.80	June 2, 1903
Hall's Ferry rd.	McLaran av.	Church rd.					285.0		88.35	June 4, 1903
Hamilton av.	N. Market st.	800 ft. north.				801.0	42.0	2	361.81	July 7, 1903
Hull pl.	Kossuth av.	Lee av.					533.0	2	181.63	July 21, 1903
Hereford st.	Shaw av.	Pattison av.					413.0		128.63	Aug. 19, 1903
Idaho av.	Delor st.	Walsh st.					262.5	1	90.18	Oct. 13, 1903
Idaho av.	Tesson st.	Davis st.					657.0	2	221.27	Nov. 30, 1903
*Ins. Ays. ground.							108.0			Nov. 13, 1903
Kennerly av.	Marcus av.	Euclid av.					1751.5	5	600.97	July 14, 1903
Kosciusko st.	Zepp st.	Potomac st.					362.0		112.22	Sept. 19, 1903
Kansas st.	Broadway.	Minnesota av.				718.0	55.0	3	451.67	Dec. 2, 1903
Lucretia av.	Minerva av.	Ridge av.					677.5	1	218.23	July 2, 1903
Louisiana av.	Chippewa st.	Miami st.				1316.0	25.0	2	537.39	Dec. 11, 1903
Louisiana av.	Cherokee st.	Arsenal st.				2565.0	132.5	4	1,108.23	Mar. 23, 1904
McLaran av.	Hall's Ferry rd.	Newby av.					319.0	1	113.29	June 4, 1903
Monroe st.	First st.	Broadway.					737.0	3	263.07	June 15, 1903
Maiden Lane.	Nineteenth st.	450 ft. east.					602.5	1	209.98	June 16, 1903
Minerva av.	Hamilton av.	Hodiamont av.					1051.5	3	350.57	July 1, 1903
Marie st.	Ellendale av.	Mo. Pac. Ry.					503.5	1	165.49	Sept. 4, 1903
Mitchell av.	McCausland av.	City Limits.					627.0	2	211.97	Sept. 10, 1903
Minnesota av.	Malt st.	Kansas st.					755.0	2	250.45	Dec. 3, 1903
Minnesota av.	Osceola st.	Chariton st.					675.5	1	217.61	Dec. 7, 1903
Marceau st.	Minnesota av.	400 ft. west.					380.5	1	127.36	Nov. 28, 1903
N. Market st.	Second st.	Tenth st.				1016.0	78.5	2	510.98	June 12, 1903
N. Market st.	Goodfellow av.	Hamilton av.				1059.0	50.0	4	461.31	July 6, 1903
Newhouse av.	Vest av.	Twenty-fifth st.				330.0			128.70	Aug 5, 1903
Nooonan av.	Manchester av.	600 ft. south.					661.5	2	222.67	Sept. 5, 1903
N. Reber pl.	Macklind av.	900 ft. west.					591.5	2	200.37	Aug. 25, 1903
Nebraska av.	Osceola st.	N. Dakota st.					684.5	1	220.40	Dec. 4, 1903

*Laid by Street Service Department.

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*Ninth st.....	Montgomery st.....	St. Louis av.....	.....	.....	.....	.....	312.0	.....	.....	May	18, 1903
*Ninth st.....	Madison st.....	N. Market st.....	.....	.....	.....	84.0	948.0	1	.....	May	18, 1903
*Ninth st.....	Hempstead st.....	La Baume st.....	.....	.....	.....	.....	336.0	1	.....	May	28, 1903
Obear av.....	Von Phul st.....	Eleventh st.....	.....	.....	.....	.....	442.5	1	145.38	June	9, 1903
Partridge av.....	Florissant av.....	Harney av.....	.....	.....	.....	.....	1173.5	3	390.79	July	29, 1903
Papin st.....	Tower Grove av.....	Boyle av.....	.....	.....	.....	.....	425.5	1	143.71	Aug.	13, 1903
Papin st.....	Taylor av.....	King's Highway.....	.....	.....	.....	.....	985.0	2	321.75	Aug.	11, 1903
*Pipe Yard.....	.....	.....	.....	.....	.....	.....	144.0	2	.....	Aug.	15, 1903
Ridge av.....	Hamilton av.....	Hodiamont av.....	.....	.....	.....	.....	1067.0	4	363.57	June	30, 1903
Red Bud av.....	Nat'l Bridge rd....	Farlin av.....	.....	.....	.....	.....	1362.5	3	453.78	July	20, 1903
*Rutger st.....	Rankin av.....	Theresa av.....	.....	.....	.....	.....	396.0	1	.....	Aug.	26, 1903
Sacramento av.....	Red Bud av.....	Turner av.....	.....	.....	.....	.....	442.5	1	145.98	July	21, 1903
Sublette av.....	Botanical av.....	Bischoff av.....	.....	.....	.....	.....	1094.0	2	356.14	Aug.	22, 1903
Skinker rd.....	Delmar bl.....	Clayton rd.....	.....	.....	.....	8436.5	194.0	15	5.584.43	Sept.	26, 1903
*Schirmer st.....	Michigan av.....	Pennsylvania av....	.....	.....	.....	.....	744.0	.....	.....	Oct.	24, 1903
St. George st.....	DeKalb st.....	Third st.....	.....	.....	.....	744.0	25.0	2	359.31	Sept.	11, 1903
Second st.....	Potomac st.....	Cherokee st.....	.....	.....	.....	.....	800.5	1	259.36	Sept.	18, 1903
S. line Forest pk....	Macklind av.....	Clayton av.....	.....	3205.0	.....	.....	112.0	4	3,135.79	Mar.	15, 1904
Sidney st.....	Minnesota av.....	Arkansas av.....	.....	.....	.....	.....	2054.0	4	669.54	Mar.	26, 1904
Sidney st.....	Ohio av.....	California av.....	.....	.....	.....	.....	701.0	2	253.71	Mar.	28, 1904
Thatcher av.....	E. Railroad av.....	1400 ft. east.....	.....	.....	.....	.....	1250.0	2	405.10	June	4, 1903
Thursh av.....	Florissant av.....	Theodore av.....	.....	.....	.....	.....	1507.5	3	619.63	July	31, 1903
Twenty-fifth st.....	Newhouse av.....	Farrar st.....	.....	.....	.....	916.5	102.5	2	499.24	Aug.	5, 1903
Tower Grove av....	Papin st.....	200 ft. north.....	.....	.....	.....	.....	199.0	.....	61.69	Aug.	13, 1903
Twelfth st.....	Clark av.....	Chouteau av.....	2429.0	.....	70.0	59.0	494.0	4	10,498.55	Nov.	18, 1903
Utah st.....	Jefferson av.....	Ohio av.....	.....	.....	.....	.....	707.5	3	243.93	Aug	12, 1903
Von Phul st.....	Grand av.....	John av.....	.....	.....	.....	.....	621.0	2	210.11	June	9, 1903
Von Versen av.....	Belt av.....	500 ft. west.....	.....	.....	.....	.....	455.0	.....	141.05	June	25, 1903
Vest av.....	Newhouse av.....	Glasgow av.....	.....	.....	.....	256.0	13.0	.....	106.03	Aug.	3, 1903
Waterman av.....	Belt av.....	DeBaliviere av.....	.....	.....	.....	.....	2092.5	5	689.68	June	19, 1903
West End av.....	Cook av.....	Page av.....	.....	.....	.....	.....	395.5	.....	122.61	Aug.	10, 1903
Whittier st.....	Easton av.....	Lucky st.....	.....	.....	.....	.....	320.0	.....	102.71	Aug.	20, 1903
West Cabanne av...	West Cabanne Ct...	200 ft east.....	.....	.....	.....	.....	256.0	2	95.76	Aug.	10, 1903
Wilson ave.....	Cooper st.....	Edwards st.....	.....	.....	.....	.....	647.0	2	217.57	Aug.	17, 1903
*Walton av.....	Page av.....	Newcomb pl.....	.....	.....	.....	.....	552.0	1	.....	Sept.	5, 1903
*Windsor pl.....	Grand av.....	St. Alphonsus st....	.....	.....	.....	.....	348.0	.....	.....	Aug.	29, 1903
Wyoming st.....	Arkansas av.....	Gravois av.....	.....	.....	.....	1290.0	52.0	3	543.82	Mar.	22, 1904
		Totals	5941.5	7540.5	113.0	32080.0	60928.5	209	$58.253.60		

*Laid by Street Service Department.

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WATER PIPES LAID FROM APRIL 1, 1903, TO APRIL 1, 1904. B 2—Continued.

STREET.	FROM	TO	Size of Pipe and Length in Feet. 36-in.	20-in.	15-in.	12-in.	6-in.	Number of Fire Plugs.	Cost of Laying Pipe.	Date Water Turned On.
Garfield av.	Goodfellow av.	1090 ft. east					1123.0	3	$373.33	July 9, 1903
Glasgow av.	Kossuth av.	Lee av.					402.0	2	216.62	Aug. 6, 1903
Greenlea pl.	Fair av.	400 ft. west					434.0	2	151.54	Aug. 7, 1903
Grand av.	Koeln av.	Upton st.					354.5	1	119.30	Dec. 1, 1903
Hornsby pl.	Broadway	500 ft. west					584.5	2	198.80	June 2, 1903
Hall's Ferry rd.	McLaran av.	Church rd.					285.0		88.35	June 4, 1903
Hamilton av.	N. Market st.	800 ft. north				801.0	42.0	2	361.81	July 7, 1903
Hull pl.	Kossuth av.	Lee av.					533.0	2	181.63	July 21, 1903
Hereford st.	Shaw av.	Pattison av.					413.0		128.63	Aug. 19, 1903
Idaho av.	Delor st.	Walsh st.					262.5	1	90.18	Oct. 13, 1903
Idaho av.	Tesson st.	Davis st.					657.0	2	221.27	Nov. 30, 1903
*Ins. Ays. ground.							108.0			Nov. 13, 1903
Kennerly av.	Marcus av.	Euclid av.					1751.5	5	600.97	July 14, 1903
Kosciusko st.	Zepp st.	Potomac st.					362.0		112.22	Sept. 19, 1903
Kansas st.	Broadway	Minnesota av.				718.0	55.0	3	451.67	Dec. 2, 1903
Lucretia av.	Minerva av.	Ridge av.					677.5	1	218.23	July 2, 1903
Louisiana av.	Chippewa st.	Miami st.				1316.0	25.0	2	537.39	Dec. 11, 1903
Louisiana av.	Cherokee st.	Arsenal st.				2565.0	132.5	4	1,108.23	Mar. 23, 1904
McLaran av.	Hall's Ferry rd.	Newby av.					319.0	1	113.29	June 4, 1903
Monroe st.	First st.	Broadway					737.0	3	263.07	June 15, 1903
Maiden Lane.	Nineteenth st.	450 ft. east					602.5	1	209.98	June 16, 1903
Minerva av.	Hamilton av.	Hodiamont av.					1051.5	3	350.57	July 1, 1903
Marie st.	Ellendale av.	Mo. Pac. Ry.					503.5	1	165.49	Sept. 4, 1903
Mitchell av.	McCausland av.	City Limits					627.0	2	211.97	Sept. 10, 1903
Minnesota av.	Malt st.	Kansas st.					755.0	2	250.45	Dec. 3, 1903
Minnesota av.	Osceola st.	Chariton st.					675.5	1	217.61	Dec. 7, 1903
Marceau st	Minnesota av.	400 ft. west					380.5	1	127.36	Nov. 28, 1903
N. Market st.	Second st.	Tenth st.				1016.0	78.5	2	510.98	June 12, 1903
N. Market st.	Goodfellow av.	Hamilton av.				1059.0	50.0	4	461.31	July 6, 1903
Newhouse av.	Vest av.	Twenty-fifth st.				330.0			128.70	Aug 5, 1903
Nooonan av.	Manchester av.	600 ft. south					661.5	2	222.67	Sept. 5, 1903
N. Reber pl.	Macklind av.	900 ft. west					591.5	2	200.37	Aug. 25, 1903
Nebraska av.	Osceola st.	N. Dakota st.					684.5	1	220.40	Dec. 4, 1903

*Laid by Street Service Department.

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*Ninth st.....	Montgomery st.....	St. Louis av.....	.....	.....	.....	.....	312.0	.....	.....	May	18, 1903
*Ninth st.....	Madison st.....	N. Market st.....	.....	.....	.....	84.0	948.0	1	.....	May	18, 1903
*Ninth st.....	Hempstead st.....	La Baume st.....	.....	.....	.....	.....	336.0	1	.....	May	28, 1903
Obear av.....	Von Phul st.....	Eleventh st.....	.....	.....	.....	.....	442.5	1	145.38	June	9, 1903
Partridge av.....	Florissant av.....	Harney av.....	.....	.....	.....	.....	1173.5	3	390.79	July	29, 1903
Papin st.....	Tower Grove av.....	Boyle av.....	.....	.....	.....	.....	425.5	1	143.71	Aug.	13, 1903
Papin st.....	Taylor av.....	King's Highway.....	.....	.....	.....	.....	985.0	2	321.75	Aug.	11, 1903
*Pipe Yard.....	.....	.....	.....	.....	.....	.....	144.0	2	.....	Aug.	15, 1903
Ridge av.....	Hamilton av.....	Hodiamont av.....	.....	.....	.....	.....	1067.0	4	363.57	June	30, 1903
Red Bud av.....	Nat'l Bridge rd....	Farlin av.....	.....	.....	.....	.....	1362.5	3	453.78	July	20, 1903
*Rutger st.....	Rankin av.....	Theresa av.....	.....	.....	.....	.....	396.0	1	.....	Aug.	26, 1903
Sacramento av.....	Red Bud av.....	Turner av.....	.....	.....	.....	.....	442.5	1	145.98	July	21, 1903
Sublette av.....	Botanical av.....	Bischoff av.....	.....	.....	.....	.....	1094.0	2	356.14	Aug.	22, 1903
Skinker rd.....	Delmar bl.....	Clayton rd.....	.....	.....	.....	8436.5	194.0	15	5.584.43	Sept.	26, 1903
*Schirmer st.....	Michigan av.....	Pennsylvania av....	.....	.....	.....	.....	744.0	.....	.....	Oct.	24, 1903
St. George st.....	DeKalb st.....	Third st.....	.....	.....	.....	744.0	25.0	2	359.31	Sept.	11, 1903
Second st.....	Potomac st.....	Cherokee st.....	.....	.....	.....	.....	800.5	1	259.36	Sept.	18, 1903
S. line Forest pk....	Macklind av.....	Clayton av.....	.....	3205.0	.....	.....	112.0	4	3,135.79	Mar.	15, 1904
Sidney st.....	Minnesota av.....	Arkansas av.....	.....	.....	.....	.....	2054.0	4	669.54	Mar.	26, 1904
Sidney st.....	Ohio av.....	California av.....	.....	.....	.....	.....	701.0	2	253.71	Mar.	28, 1904
Thatcher av.....	E. Railroad av.....	1400 ft. east.....	.....	.....	.....	.....	1250.0	2	405.10	June	4, 1903
Thursh av.....	Florissant av.....	Theodore av.....	.....	.....	.....	.....	1507.5	3	619.63	July	31, 1903
Twenty-fifth st.....	Newhouse av.....	Farrar st.....	.....	.....	.....	916.5	102.5	2	499.24	Aug.	5, 1903
Tower Grove av....	Papin st.....	200 ft. north.....	.....	.....	.....	.....	199.0	.....	61.69	Aug.	13, 1903
Twelfth st.....	Clark av.....	Chouteau av.....	2429.0	.....	70.0	59.0	494.0	4	10,498.56	Nov.	18, 1903
Utah st.....	Jefferson av.....	Ohio av.....	.....	.....	.....	.....	707.5	3	243.93	Aug	12, 1903
Von Phul st.....	Grand av.....	John av.....	.....	.....	.....	.....	621.0	2	210.11	June	9, 1903
Von Versen av.....	Belt av.....	500 ft. west.....	.....	.....	.....	.....	455.0	.....	141.05	June	25, 1903
Vest av.....	Newhouse av.....	Glasgow av.....	.....	.....	.....	256.0	13.0	.....	106.03	Aug.	3, 1903
Waterman av.....	Belt av.....	DeBalliviere av.....	.....	.....	.....	.....	2092.5	5	689.68	June	19, 1903
West End av.....	Cook av.....	Page av.....	.....	.....	.....	.....	395.5	.....	122.61	Aug.	10, 1903
Whittier st.....	Easton av.....	Lucky st.....	.....	.....	.....	.....	320.0	.....	102.71	Aug.	20, 1903
West Cabanne av...	West Cabanne Ct...	200 ft east.....	.....	.....	.....	.....	256.0	2	95.76	Aug.	10, 1903
Wilson ave.....	Cooper st.....	Edwards st.....	.....	.....	.....	.....	647.0	2	217.57	Aug.	17, 1903
*Walton av.....	Page av.....	Newcomb pl.....	.....	.....	.....	.....	552.0	1	.....	Sept.	5, 1903
*Windsor pl.....	Grand av.....	St. Alphonsus st....	.....	.....	.....	.....	348.0	.....	.....	Aug.	29, 1903
Wyoming st.....	Arkansas av.....	Gravois av.....	.....	.....	.....	1290.0	52.0	3	543.82	Mar.	22, 1904
		Totals	5941.5	7540.5	113.0	32080.0	60928.5	209	$58,253.60		

*Laid by Street Service Department.

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VALVES, FIRE PLUGS, ETC., IN SERVICE APRIL 1st, 1904—"B" 3.

Number of city fire plugs												8334
Number of private fire plugs												104
Check valves												57
Regulator valves, 16-inch												1
Regulator valves, 12-inch												1
Air taps												92
Manholes												20
Size, inches								12	6	4		3
Blow-off								46	109	3		11
Size, inches	36	30	24	20	16	15	12	10	8	6	4	3
City stop valves	71	70	1	337	4	71	883	83	233	5723	32	160
Size, inches							12	8	6	4		3
Private stop valves							10	22	337	637		368

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The following is a list of streets now supplied with the High Level Service.

Street.	From	To
Arlington Avenue	Minerva Avenue	St. Louis Avenue.
Allanthus Street	Suburban Railroad	Maple Avenue.
Arkansas Avenue	Magnolia Avenue	Shenandoah Avenue.
Arkansas Avenue	Chippewa Street	Winnebago Street.
Arkansas Avenue	Miami Street	Winnebago Street.
Arsenal Street	Ivanhoe Avenue	500 feet west.
Arsenal Street	Jefferson Avenue	Woods Avenue.
Accomac Street	Hawthorne Boulevard	Oregon Avenue.
Accomac Street	Jefferson Avenue	California Avenue.
Allen Avenue	Compton Avenue	Nebraska Avenue.
Albion Place	Missouri Avenue	Jefferson Avenue.
Alfred Avenue	Arsenal Street	Connecticut Street.
Alberta Avenue	Louisiana Avenue	Grand Avenue.
Ann Avenue	Jefferson Avenue	Mississippi Avenue.
Academy Avenue	Fairmount Avenue	Kensington Avenue.
Academy Avenue	Page Avenue	Easton Avenue.
Belt Avenue	Bartmer Avenue	Page Boulevard.
Belt Avenue	Minerva Avenue	St. Louis Avenue.
Belt Avenue	Delmar Boulevard	Maple Avenue.
Burd Avenue	Minerva Avenue	Wells Avenue.
Burd Avenue	Easton Avenue	300 ft. N. of Cote Brilliante
Blackstone Avenue	Page Boulevard	Wells Avenue.
Blaine Avenue	Grand Avenue	Spring Avenue.
Botanical Avenue	Grand Avenue	Vandeventer Avenue.
Bingham Avenue	Gravois Avenue	Morgan Ford Road.
Brannon Avenue	Arsenal Street	Old Manchester Road.
Bay Street	Keokuk Street	300 ft. south.
Bartmer Avenue	Union Boulevard	City Limits.
Bell Avenue	Ewing Avenue	Spring Avenue.
Bell Avenue	King's Highway	Clarendon Avenue.
Beaumont Street	Pine Street	Morgan Street.
Botanical Avenue	Sublette Avenue	January Avenue.
Beach Avenue	Maple Avenue	Suburban Railroad.
Bertha Avenue	Hodiamont Avenue	City Limits.
Bates Avenue	Gravois Avenue	Morgan Ford Road.
Beck Avenue	Morgan Ford Road	2000 ft. west.
Berlin Avenue	King's Highway Boulevard	Newstead Avenue.
Clemens Avenue	Belt Avenue	Hodiamont Avenue.
Clemens Avenue	Rosedale Avenue	City Limits.
Cates Avenue	Belt Avenue	Hodiamont Avenue.
Cabanne Avenue	Hamilton Avenue	King's Highway.
Chamberlain Avenue	Maple Avenue	Goodfellow Avenue.
Cote Brilliant Avenue	King's Highway	Arlington Avenue.
Cote Brilliant Avenue	Clara Avenue	Hodiamont Avenue.
California Avenue	Shenandoah Avenue	Meramec Street.
Compton Avenue	Potomac Street	Cherokee Street.
Compton Avenue	Arsenal Street	Pestalozzi Street.
Castleman Avenue	Grand Avenue	Vandeventer Avenue.
Cleveland Avenue	Grand Avenue	Vandeventer Avenue.
Chippewa Street	Gravois Avenue	Meramec Street.
Congress Street	Lemp Avenue	Alley W. of Salena Street.
Cushing Street	Salena Street	Alley east.
Cushing Street	McNair Avenue	De Volsey Street.
Copelin Avenue	Compton Avenue	Louisiana Avenue.
Chippewa Street	Jefferson Avenue	Grand Avenue.
Chippewa Street	Morgan Ford Road	King's Highway.
Cherokee Street	Jefferson Avenue	Grand Avenue.
Crittenden Street	Grand Avenue	Tennessee Street.
Cardinal Avenue	Franklin Avenue	Easton Avenue.
Channing Avenue	Franklin Avenue	Thomas Street.
Cook Avenue	Thomas Street	Grand Avenue.
Columbia Avenue	Tamm Avenue	400 ft. E. of Manchester.
Clifton Avenue	Wilson Avenue	Columbia Avenue.
Clara Avenue	Delmar Boulevard	Cabanne Avenue.
Clara Avenue	Bartmer Avenue	North Market Street.
Compton Avenue	Gasconade Street	North Dakota Street.
Compton Avenue	Magnolia Avenue	Eads Avenue.
Compton Avenue	Easton Avenue	Pine Street.
Connecticut Street	Morgan Ford Road	Arkansas Avenue.
Cheltenham Avenue	Billion Avenue	West of Childress.
Clayton Avenue	South Line of Forest Park	McCausland Avenue.
Cockrill Avenue	Bertha Avenue	Ridge Avenue.
Cockrill Avenue	Ridge Avenue	City Limits.
Claredon Avenue	Delmar Boulevard	Cabanne Avenue.
Cooper Street	Shaw Avenue	Daggett Avenue.
Delmar Boulevard	King's Highway	City Limits.
Delmar Boulevard	Grand Avenue	Spring Avenue.
De Volsey Street	Indiana Avenue	Alley East.
Dickson Street	Garrison Avenue	Easton Avenue.

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Street.	From	To
Dalton Avenue	Arsenal Street	Columbia Avenue.
Dunnica Avenue	Arkansas Avenue	Louisiana Avenue.
Delor Street	Gravois Avenue	2000 ft. east.
Dagget Avenue	King's Highway	Edwards Street.
De Giverville Avenue	Belt Avenue	De Baliviere Avenue.
Etzel Avenue	Goodfellow Avenue	City Limits.
Etzel Avenue	Belt Avenue	Clara Avenue.
Easton Avenue	King's Highway	City Limits.
Easton Avenue	Garrison Avenue	Leonard Avenue.
Eighteenth Street	Shenandoah Avenue	Crittenden Street.
Eighteenth Street	Geyer Avenue	Park Avenue.
Eilzabeth Avenue	Clifton Avenue	Esther Avenue.
Eads Avenue	Compton Avenue	Theresa Street.
Edwards Avenue	Shaw Avenue	Northrup Avenue.
Edwards Avenue	Shaw Avenue	Wilson Avenue.
Eleventh Street	Itaska Street	Osceola Street.
Emma Avenue	Mimika Avenue	City Limits.
Eugene Avenue	Blow Street	Roswell Street.
Euclid Avenue	McPherson Avenue	Washington Avenue.
Euclid Avenue	Maryland Avenue	McPherson Avenue.
Fairmount Avenue	King's Highway	Union Boulevard.
Flad Avenue	Grand Avenue	Vandeventer Avenue.
Flora Boulevard	Grand Avenue	Vandeventer Avenue.
Franklin Avenue	Channing Avenue	Grand Avenue.
Franklin Avenue	Leffingwell Avenue	Leonard Avenue.
Folsom Avenue	Grand Avenue	Spring Avenue.
Fairview Avenue	Grand Avenue	Gustine Avenue.
Forest Avenue	Manchester Avenue	Plateau Avenue.
Goodfellow Avenue	Maple Avenue	North Market Street.
Gambleton Place	Hodiamont Avenue	City Limits.
Gravois Avenue	McNair Avenue	Jefferson Avenue.
Gravois Avenue	Iowa Avenue	City Limits.
Geyer Avenue	Compton Avenue	Louisiana Avenue.
Geyer Avenue	Nebraska Avenue	Longfellow Boulevard.
Geyer Avenue	Misssouri Avenue	Eighteenth Street.
Gasconade Avenue	California Avenue	Pennsylvania Avenue.
Grand Avenue	Laclede Avenue	Cook Avenue.
Grand Avenue	Chouteau Avenue	Delor Avenue.
Gustine Street	Arsenal Street	Wyoming Street.
Garrison Avenue	Easton Avenue	Olive Street.
Granville Place	Minerva Avenue	Ridge Avenue.
Garner Avenue	Forest Avenue	Kraft Street.
Garfield Avenue	1090 ft. east of Goodfelllow	Hodiamont Avenue.
Hodiamont Avenue	Delmar Avenue	Highland Avenue.
Hawthorne Place	Russell Avenue	Longfelllow Boulevard.
Horton Place	Hamilton Avenue	City Limits.
Henrietta Street	Louisiana Avenue	Grand Avenue.
Humphrey Street	Russell Place	Morgan Ford Road.
Humphrey Street	Louisiana Avenue	Spring Avenue.
Halliday Avenue	Louisiana Avenue	Grand Avenue.
Hamilton Avenue	Delmar Boulevard	Highland Avenue.
Hamilton Avenue	800 ft. N. of North Market	Highland Avenue.
Hartford Street	Louisiana Avenue	Gustine Avenue.
Hartford Street	Morgan Ford Road	Alfred Avenue.
Hartford Street	Oak Hill Avenue	Russell Place.
Highland Avenue	Hamilton Avenue	Hodiamont Avenue.
Hereford Street	Shaw Avenue	Pattison Avenue.
Iowa Avenue	South Gasconade Street	Charlton Street.
Iowa Avenue	North Gasconade Street	Arsenal Street.
Indiana Avenue	Sidney Street	Arsenal Street.
Indiana Avenue	Victor Street	Shenandoah Street.
Julian Avenue	Clara Avenue	Hodiamont Avenue.
James Street	Salena Street	Alley West.
Jules Street	Shenandoah Avenue	Ann Avenue.
Juniata Street	Louisiana Avenue	Alfred Avenue.
Jefferson Avenue	Whittemore Place	Albion Place.
Jefferson Avenue	Chippewa Street	Gravois Avenue.
January Avenue	Reber Place	North Magnolia Avenue.
King's Highway	Lindell Boulevard	Natural Bridge Road.
King's Highway	Northrup Avenue	Fyler Avenue.
Klock Street	Louisiana Avenue	400 ft. west.
Keokuk Street	Jefferson Avenue	Nebraska Avenue.
Kensington Avenue	Clarendon Avenue	Union Boulevard.
Kennerly Avenue	Goodfelllow Avenue	1000 ft. east.
Kennett Place	Eighteenth Street	Mississippi Avenue.
Lake Avenue	McPherson Avenue	Delmar Avenue.
Lindell Boulevard	King's Highway Boulevard	Union Boulevard.
Longfellow Boulevard	Geyer Avenue	Lafayette Avenue.
Longfellow Boulevard	Russell Avenue	Grand Avenue.
Lami Street	Eighteenth Street	Salena Street.
Lafayette Avenue	Fourteenth Street	Grand Avenue.
Louisiana Avenue	300 ft. South of Meramec	Chippewa Street.

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Street.	From	To
Louisiana Avenue	Miami Street	Cherokee Street.
Louisiana Avenue	Arsenal Street	Shenandoah.
Louisiana Avenue	Russell Avenue	Geyer Avenue.
Louisiana Avenue	Lafayette Avenue	St. Vincent Avenue.
Louisiana Avenue	Chippewa Street	Miami Street.
Louisiana Avenue	Cherokee Street	Arsenal Street.
Lemp Avenue	Shenandoah Avenue	Victor Street.
Lemp Avenue	Sidney Street	Utah Street.
Leonard Avenue	Franklin Avenue	Easton Avenue.
Laclede Avenue	Grand Avenue	Spring Avenue.
Lynch Street	Twelfth Street	Gravois Avenue.
Lucas Avenue	Compton Avenue	Beaumont Street.
Lucas Avenue	Theresa Avenue	Grand Avenue.
Laurel Avenue	Maple Avenue	Suburban Railroad.
Leffingwell Avenue	Locust Street	Franklin Avenue.
Leffingwell Avenue	Pine Street	Olive Street.
Lucretia Avenue	Ridge Avenue	Wells Avenue.
Lucretia Avenue	Minerva Avenue	Ridge Avenue.
Locust Street	Beaumont Avenue	Leffingwell Avenue.
Locust Street	Ewing Avenue	Compton Avenue.
Lindell Boulevard	Channing Avenue	Spring Avenue.
Lindell Boulevard	Spring Avenue	Vandeventer Avenue.
Lami Street	Twelfth Street	Thirteenth Street.
Maryville Avenue	Suburban Railroad	Maple Avenue.
McPherson Avenue	King's Highway	Lake Avenue.
Morgan Street	King's Highway	Union Boulevard.
Maple Avenue	King's Highway	City Limits.
Minerva Avenue	King's Highway	Clara Avenue.
Minerva Avenue	Hamilton Avenue	Hodiamont Avenue.
Minnesota Avenue	Keokuk Street	Winnebago Street.
Minnesota Avenue	Cherokee Street	Wyoming Street.
Minnesota Avenue	Arsenal Street	Magnolia Avenue.
Michigan Avenue	Cherokee Street	Shenandoah Avenue.
Michigan Avenue	Lafayette Avenue	500 ft. South.
Michigan Avenue	Chippewa Street	Winnebago Street.
Magnolia Avenue	Tower Grove Avenue	Magnolia Place.
Magnolia Avenue	Gravois Avenue	Grand Avenue.
Meramec Street	Chippewa Street	Morgan Ford Road.
Meramec Street	Broadway	Grand Avenue.
Milton Avenue	Nebraska Avenue	Hawthorne Boulevard.
Montana Avenue	Louisiana Avenue	Grand Avenue.
Miami Street	Jefferson Avenue	Grand Avenue.
McKean Avenue	Gravois Avenue	Grand Avenue.
McNair Avenue	Ann Avenue	Victor Street.
McNair Avenue	Sidney Street	Arsenal Street.
Missouri Avenue	Sidney Street	Arsenal Street.
Missouri Avenue	Shenandoah Avenue	Park Avenue.
Marmaduke Street	Tamm Avenue	Ivanhoe Avenue.
Macklind Avenue	Old Manchester Road	Arsenal Street.
Morgan Ford Road	Arsenal Street	Loughborough Avenue.
Morgan Street	Compton Avenue	Beaumont Street.
Morgan Street	Theresa Avenue	Spring Avenue.
McCausland Avenue	Clayton Avenue	Waldemar Avenue.
Maffit Avenue	Goodfellow Avenue	1000 ft. East.
Mitchell Avenue	Forest Avenue	5000 ft. East of Kraft Ave
Mitchell Avenue	McCausland Avenue	City Limits.
Mora Lane	McLaran Avenue	300 ft. South of Switzer.
McPherson Avenue	Taylor Avenue	King's Highway.
McNulty Street	Eighteenth Street	West.
Mississippi Avenue	Ann Avenue	Lafayette Avenue.
Maryland Avenue	Taylor Avenue	Euclid Avenue.
North Market Street	Clara Avenue	Goodfellow Avenue.
North Market Street	Hamilton Avenue	Hodiamont Avenue.
North Market Street	Goodfellow Avenue	Hamilton Avenue.
Nebraska Avenue	Lafayettte Avenue	Osceola Street.
Nicholson Place	Lafayettte Avenue	Geyer Avenue.
Natural Bridge Road	King's Highway	City Limits.
Nashvillle Avenue	Tamm Avenue	West of Childress.
Neosho Street	Tenth Street	Grand Avenue.
N. Line of Forest Park	Union Boulevard	Skinker Road.
Ninth Street	Neosho Street	Osceola Street.
North Magnolia Avenue	January Avenue	Pearl Street.
Ohio Avenue	Meramec Street	Pestalozzi Street.
Oregon Avenue	Osceola Street	Miami Street.
Oregon Avenue	Potomac Street	Magnolia Avenue.
Oregon Avenue	Shenandoah Avenue	Russell Avenue.
Osage Street	Broadway	Grand Avenue.
Old Manchester Road	Accomac Street	King's Highway.
Old Manchester Road	Brannon Avenue	Columbia Avenue.
Old Manchester Road	Tamm Avenue	Ivanhoe Avenue.
Oak Hill Avenue	Arsenal Street	Humphrey Street.
Odell Avenue	Brannon Avenue	Sublette Avenue.

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Street.	From	To
Osceola Street	Broadway	Nebraska Avenue.
Osceola Street	Virginia Avenue	Tenth Street.
Olive Street	Beaumont Street	Channing Avenue.
Portland Place	King's Highway	Union Boulevard.
Plymouth Avenue	Goodfellow Avenue	City Limits.
Page Avenue	King's Highway	City Limits.
Patton Avenue	Union Boulevard	Arlington Avenue.
Pennsylvania Avenue	Keokuk Street	Winnebago Street.
Pennsylvania Avenue	Potomac Street	Magnolia Avenue.
Penn Street	Lemp Avenue	Alley West of Salena Stree
Pestalozzi Street	Thirteenth Street	Louisiana Avenue.
Portis Street	Arsenal Street	Connecticut Street.
Pine Street	Beaumont Street	Compton Avenue.
Preston Place	Lafayette Avenue	Schild Avenue.
Prather Avenue	Manchester Avenue	Plateau Avenue.
Pearl Street	North Magnolia Avenue	South Magnolia Avenue.
Pattison Avenue	King's Highway	Macklind Avenue.
Potomac Street	Compton Avenue	Louisiana Avenue.
Plateau Avenue	McCausland Avenue	Prather Avenue.
Rosedale Avenue	Delmar Boulevard	625 ft. North of Clemens
Ridge Avenue	King's Highway	Arlington Avenue.
Ridge Avenue	Hamilton Avenue	Hodiamont Avenue.
Reber Place	King's Highway	Macklind Avenue.
Reber Place	Macklind	900 ft. West.
Reber Place	Old Manchester Road	January Avenue.
Russell Avenue	Mississippi Avenue	Vandeventer Avenue.
Russell Avenue	Arsenal Street	Wyoming Street.
Roswell Avenue	Grand Avenue	Eugene Avenue.
Raymond Place	King's Highway	Union Boulevard.
Stewart Place	Wells Avenue	Easton Avenue.
Semple Avenue	St. Louis Avenue	Easton Avenue.
Suburban Avenue	Allanthus Avenue	Maple Avenue.
Suburban Avenue	City Limits	Alley East.
St. Louis Avenue	King's Highway	Belt Avenue.
Sidney Street	Arkansas Avenue	Grand Avenue.
Sidney Street	Minnesota Avenue	Arkansas Avenue.
Sidney Street	Jefferson Avenue	Twelfth Street.
Shenandoah Avenue	Eighteenth Street	Vandeventer Avenue.
Shaw Avenue	Grand Avenue	Vandeventer Avenue.
Shaw Avenue	Old Manchester Road	Macklind Avenue.
Spring Avenue	Potomac Street	Gravois Avenue.
Spring Avenue	Laclede Avenue	Lindell Avenue.
Spring Avenue	Washington Boulevard	Delmar Boulevard.
Spring Avenue	Morgan Street	Bell Avenue.
School Street	Channing Avenue	West.
School Street	Cardinal Avenue	Compton Avenue.
Selena Street	Shenandoah Avenue	Arsenal Street.
S. Line of Forest Park	Macklind Avenue	Clayton Avenue.
Sublette Avenue	Old Manchester Road	Botanical Avenue.
Sublette Avenue	Botanical Avenue	Bischoff Avenue.
Spaulding Avenue	Goodfellow Avenue	1000 ft. East.
Schild Avenue	Eighteenth Street	Preston Place.
S. Magnolia Avenue	January Avenue	Pearl Street.
Shawmut Place	Julian Avenue	Page Boulevard.
Skinker Road	Delmar Boulevard	Clayton Road.
Theodosia Avenue	Academy Avenue	Union Boulevard.
Theodosia Avenue	Union	Arlington Avenue.
Terry Avenue	King's Highway Boulevard	Norwood Avenue.
Texas Avenue	Keokuk Street	Lynch Street.
Tamm Avenue	Old Manchester Road	Marmaduke Avenue.
Tamm Avenue	Manchester Avenue	Clayton Avenue.
Thomas Street	Leonard Avenue	Channing Avenue.
Tennessee Avenue	Magnolia Avenue	Shenandoah Avenue.
Tennessee Avenue	Cherokee Street	400 ft. South.
Tennessee Avenue	Miami Street	Potomac Street.
Theodosia Avenue	Hodiamont Avenue	1000 ft. East of Goodfellow
Theresa Avenue	Lafayette Avenue	Park Avenue.
Theresa Avenue	Washington Avenue	Franklin Avenue.
Tenth Street	Itaska Street	Osceola Street.
Twelfth Street	Sidney Street	Lynch Street.
Taylor Avenue	McPherson Avenue	Olive Street.
Taylor Avenue	Berlin Avenue	McPherson Avenue.
Thirteenth Street	Cherokee Street	Wyoming Street.
Thirteenth Street	Sidney Street	Lynch Street.
Thirteenth Street	Lami Street	Shenandoah Avenue.
Union Boulevard	Lindell Boulevard	Cote Brilliante Avenue.
Utah Place	Grand Avenue	Gustine Avenue.
Utah Street	Ohio Avenue	Nebraska Avenue.
Utah Street	Jefferson Avenue	Ohio Avenue.
Utah Street	Louisiana Avenue	Grand Avenue.
Utah Street	Lemp Avenue	Thirteenth Street.
Von Versen Avenue	Hodiamont Avenue	400 ft. East of Clara Aven
Von Versen Avenue	Rosedale Avenue	700 ft. West.

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Street.	From	To
Von Versen Avenue	Belt Avenue	Windemere Way.
Von Versen Avenue	Belt Avenue	500 ft. West.
Vista Avenue	Grand Avenue	Spring Avenue.
Vandeventer Avenue	Magnolia Avenue	Shaw Avenue.
Vernon Avenue	King's Highway	Goodfellow Avenue.
Virginia Avenue	Osceola Street	Osage Street.
Virginia Avenue	Arsenal Street	Festalozzi Street.
Virginia Avenue	Magnolia Avenue	Shenandoah Avenue.
Virginia Avenue	Russell Avenue	Geyer Avenue.
Victor Street	Lemp Avenue	Jefferson Avenue.
Victor Street	Arkansas Avenue	Grand Avenue.
Victoria Street	Tamm Avenue	Billion Avenue.
Vail Place	McNulty Street	Kennett Place.
Westmoreland Place	King's Highway	Union Boulevard.
Waterman Avenue	Union Boulevard	Belt Avenue.
Waterman Avenue	Belt Avenue	De Baliviere Avenue.
Westminster Place	Union Boulevard	King's Highway.
Washington Boulevard	Union Boulevard	King's Highway.
Washington Boulevard	Grand Avenue	Spring Avenue.
Washington Avenue	Leffingwell Avenue	Compton Avenue.
Washington Avenue	Theresa Avenue	Grand Avenue.
Washington Terrace	Union Boulevard	Clara Avenue.
West Cabanne Place	Hamilton Avenue	Catalpa Street.
Wagner Avenue	Hodiamont Avenue	City Limits.
Wells Avenue	King's Highway	Hamilton Avenue.
Whittemore Place	Missouri Avenue	Jefferson Avenue.
West Pine Boulevard	Grand Avenue	Vandeventer Avenue.
Waverly Place	Lafayette Avenue	South.
Wisconsin Avenue	Lynch Street	Arsenal Street.
Winnebago Street	Jefferson Avenue	Grand Avenue.
Wyoming Street	Jefferson Avenue	Gravois Avenue.
Wyoming Street	Arkansas Avenue	Gustine Avenue.
Wise Avenue	Tamm Street	Childress Avenue.
Waldemar Avenue	Forest Avenue	McCausland Avenue.
Westminster Place	Boyle Avenue	Walton Avenue.
Walton Avenue	McPherson Avenue	Olive Street.
Walton Avenue	Berlin Avenue	McPherson Avenue.

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TABLE SHOWING GROWTH OF THE DISTRIBUTION SYSTEM SINCE THE ADOPTION OF THE SCHEME AND CHARTER.—"B" 4.

Year Ending March 31.	Miles of Water Pipe in Service.	Number of Fire Plugs in Service.	Number of Private Fire Plugs in Service.	Number of Stop Valves in Service.	Number of Private Stop Valves in Service.	Number of Check Valves in Service.	Number of Blow-off Valves in Service.	Number of Manholes.	Number of Air Taps.	Number of Taps in Service.	Number of Meters in Service.	No. of U. S. Gallons of Water Pumped into the City.
1881	212	1,842	14	1,747	279	4	36	14	31	20,204	573	9,867,967,000
1882	225	1,965	15	1,912	316	4	36	14	31	21,745	906	9,852,430,000
1883	234	2,108	15	2,012	344	4	37	14	31	23,648	1,228	10,396,930,000
1884	238	2,163	17	2,068	372	6	42	16	31	25,321	1,522	9,542,471,000
1885	257	2,459	17	2,247	396	7	43	16	32	27,457	1,811	9,412,291,000
1886	279	2,685	21	2,518	429	41	53	16	32	29,884	2,143	9,817,943,000
1887	295	2,922	34	2,668	454	63	54	16	35	31,794	2,376	10,877,896,000
1888	314	3,161	36	2,864	500	68	57	16	43	34,022	2,662	11,520,608,000
1889	336	3,366	36	2,991	518	70	66	18	58	36,082	2,888	11,481,771,000
1890	354	3,515	37	3,148	576	67	76	18	63	38,183	3,115	11,963,467,000
1891	373	3,715	37	3,306	634	67	76	18	66	41,331	3,399	13,144,565,000
1892	393	3,916	37	3,483	700	68	79	18	66	44,332	3,601	14,463,390,000
1893	410	4,103	48	3,613	770	68	81	18	66	47,445	3,750	16,140,476,000
1894	447	4,504	63	3,915	834	70	87	19	68	50,540	3,850	17,366,270,000
1895	462	4,690	63	4,077	869	70	90	19	66	53,354	3,979	20,030,271,000
1896	493	5,020	63	4,383	931	73	103	19	66	56,865	4,092	19,542,768,000
1897	532	5,447	64	4,776	968	73	109	19	63	59,423	4,198	18,653,013,000
1898	565	5,723	65	5,094	1,019	76	133	20	59	61,839	4,161	20,366,176,000
1899	581	6,325	68	5,704	1,065	92	166	20	59	63,861	4,161	20,800,292,000
1900	616	6,920	70	6,163	1,111	83	169	20	59	65,688	4,133	22,114,261,000
1901	638	7,225	77	6,567	1,140	80	162	20	89	67,243	4,331	22,993,668,000
1902	669	7,676	88	7,048	1,220	68	186	20	90	69,483	4,625	24,525,121,000
1903	709	8,127	94	7,409	1,293	57	167	20	92	72,005	4,635	24,183,646,000
1904	729	8,324	104	7,668	1,374	57	169	20	92	74,506	4,751	25,607,414,000

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STREET SERVICE DEPARTMENT.

Water pipe laid by the Street Service force on account of street reconstruction and betterment of the distribution system was:

6-inch water pipe	5682 feet		
12 " " "	815 "		
20 " " "	16 "		
Pipe laid for private parties.		**Pipes raised, lowered or replaced.**	
3 inch	389 feet	3-inch	249 feet
4 "	557 "	4 "	48 "
6 "	896 "	6 "	3416 "
8 "	3619 "	10 "	5 "
		12 "	1096 "
		15 "	432 "
		20 "	29 "
		36 "	72 "

The following work was done on fire plugs and stop valves from April 1, 1903, to April 1, 1904:

	Fire Plugs.	Stop Valves.
Cleaned, oiled and packed	18,853	9,603
Repaired on city account	514	75
Repaired on private account	804	5
Moved	94	7
Taken out of service	.....	21
Raised	154	.....
Lowered	28	.....
New plugs and valves set	16	75
Replaced	299	15
New boxes set	20	81
Boxes replaced	546	627
Boxes raised	65	331
Boxes lowered	6	38
Boxes reset	37	10

Miscellaneous work done by the Street Service Department from April 1, 1903, to April 1, 1904:

Shut-offs.	Street Service Dept. 390	Leaks dug	254
	Contractors 83	Lead pipe disconnected	52
	Plumbers 96	Turned on new lines	42
	Private 285	Fire plugs run—days	1766¼
Connections made for private parties	82	Labor employed during the past year:	
Connections made for the city	64	For betterment of system	4%
Joints made new	2061	For lead pipe work	2%
Joints recaulked	709	For maintenance of system	72%
Ferrules drawn	101	For miscellaneous work	3%
Taps shut	147	For extension of distribution	9%
Taps destroyed	226	For private work	10%

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PRIVATE CONNECTIONS PUT IN FROM APRIL 1, 1903, TO APRIL 1, 1904.—B 5.

STREET.	BETWEEN	AND	Size in.	STOP VALVES. 3-in.	4-in.	6-in.	8-in.	12-in.	DATE.	OWNER.	USED FOR
Clayton av.....	Skinker rd.....	.....	4	.....	1	.....	.....	.....	April 4, 1903	Louisiana Purchase Ex. Co.	Supply.
Forsythe av...	Skinker rd.....	.....	4	.....	1	.....	.....	.....	April 4, 1903	Louisiana Purchase Ex. Co.	"
Lucas av.....	Fourth st.....	Broadway.....	6	.....	.....	1	.....	.....	April 15, 1903	Missouri Athletic Club.....	"
Forsythe av....	Skinker rd.....	.....	4	.....	1	.....	.....	.....	April 15, 1903	Louisiana Purchase Ex. Co.	"
Forsythe av....	Skinker rd.....	.....	8	.....	.....	.....	1	.....	April 16, 1903	Louisiana Purchase Ex. Co.	"
Forsythe av....	Skinker rd.....	.....	4	.....	1	.....	.....	.....	April 17, 1903	Louisiana Purchase Ex. Co.	"
Duncan av.....	Newstead-av....	Taylor av.....	4	.....	1	.....	.....	.....	April 21, 1903	Polar Wave Ice & Coal Co...	"
Evans av.....	Vandeventer av.	Prairie av.....	3	1	.....	.....	.....	.....	April 21, 1903	St. Louis Transit Co.....	Fire protection.
Clayton av.....	McCausland av..	.....	6	.....	.....	1	.....	.....	June 3, 1903	West End Hghts. Amus. Co.	" "
Chouteau av...	Eighth st.....	Paul st.....	6	.....	.....	1	.....	.....	June 4, 1903	J. B. Holman.....	Sprinkler system.
Eighth st.....	Chouteau av.....	Hickory st.....	4	.....	1	.....	.....	.....	June 4, 1903	J. B. Holman.....	" "
Park av.....	Vandeventer av.	Lawrence st....	6	.....	.....	1	.....	.....	June 16, 1903	American Tobacco Co.....	Fire protection.
Rutger st.....	Second st.....	Main st.....	4	.....	.....	1	.....	.....	July 20, 1903	Laclede Gas Light Co.....	Supply.
Frisco & Mo...	Pacific Ry.....	S. of Chouteau.	3	1	.....	.....	.....	.....	July 22, 1903	Merchants' and Manufacturers' R. R. Warehouse Co...	"
Manchester av.	Sulphur av.....	.....	6	.....	.....	1	.....	.....	July 27, 1903	Laclede Fire Brick Mfg. Co.	Supply and fire protection.
Clark av.....	Twentieth st.....	Twenty-first st	3	1	.....	.....	.....	.....	July 29, 1903	Terminal Railway Assn.....	Supply.
Ewing av.....	Atlantic st.....	Scott av.....	6	.....	.....	1	.....	.....	Aug. 10, 1903	Terminal Railway Assn.....	"
Jefferson av....	St. Louis av.....	University st..	6	.....	.....	1	.....	.....	Aug. 11, 1903	Peters Shoe Co.....	Automat. Sprinkler
Fourteenth st..	Chambers st.....	Howard st.....	3	.....	.....	1	.....	.....	Aug. 11, 1903	St. Louis Brewing Assn.....	Supply.
Olive st.....	Twentieth st.....	Twenty-first st	6	.....	.....	1	.....	.....	Aug. 11, 1903	Hamilton-Brown Shoe Co....	Automat. Sprinkler
Manchester av	Chouteau av.....	Talmage av....	6	.....	.....	1	.....	.....	Aug. 12, 1903	Talmage Realty Co.....	" "
Talmage av....	Manchester av..	Mo. Pacific Ry.	6	.....	.....	1	.....	.....	Aug. 12, 1903	Talmage Realty Co.....	" "
Maple av.....	Maryville av.....	Hamilton av...	3	1	.....	.....	.....	.....	Aug. 17, 1903	Williamson-Blake Const. Co.	Supply.
Lindell av.....	DeBalliviere av..	Skinker rd.....	6	.....	.....	1	.....	.....	Aug. 25, 1903	Louisiana Purchase Ex. Co.	"
Shenandoah av	Eighteenth st....	Lemp av.....	3	1	.....	.....	.....	.....	Sept. 4, 1903	G. Cramer Dry Plate Co.....	"
School st.....	Channing av.....	Grand av.....	4	.....	1	.....	.....	.....	Sept. 21, 1903	Masonic Temple.....	Fire protection.
Broadway.....	Clark av.....	Spruce st.....	6	.....	.....	1	.....	.....	Oct. 9, 1903	Paul Brown.....	Automat. Sprinkler
Clark av.....	Broadway.....	Sixth st.....	4	.....	1	.....	.....	.....	Oct. 10, 1903	Paul Brown.....	" "
Walnut st.....	First st.....	Second st.....	4	.....	1	.....	.....	.....	Oct. 12, 1903	Down Town Realty Co.....	" "
Angelica st....	Levee.....	Hall st.....	3	1	.....	.....	.....	.....	Oct. 12, 1903	William Lothman	Supply.
Second st	Market st.....	Walnut st.....	6	.....	.....	1	.....	.....	Oct. 13, 1903	Down Town Realty Co.....	Automat. Sprinkler
Ninth st.....	Pine st.....	Olive st.....	4	.....	1	.....	.....	.....	Nov. 5, 1903	Frisco Building Co.....	Supply.
Ninth st.....	Pine st.....	Olive st.....	4	.....	1	.....	.....	.....	Nov. 5, 1903	Frisco Building Co.....	"
Belt av.....	Delmar bl.....	Von Versen av	3	1	.....	.....	.....	.....	Nov. 5, 1903	St. Luke's Hospital.....	"
Lindell av.....	DeBalliviere av..	.....	6	.....	.....	1	.....	.....	Nov. 10, 1903	Louisiana Purchase Ex. Co.	
Lindell av.....	DeBalliviere av..	.....	12	.....	.....	.....	.....	1	Nov. 10, 1903	Louisiana Purchase Ex. Co.	Fire protection.
Skinker rd.....	Lindell bl.....	.....	8	.....	.....	.....	1	.....	Nov. 11, 1903	Louisiana Purchase Ex. Co.	Fire protection.
Skinker rd.....	Lindell bl.....	.....	6	.....	.....	1	.....	.....	Nov. 13, 1903	Louisiana Purchase Ex. Co.	Supply.
Skinker rd.....	Lindell bl.....	.....	12	.....	.....	.....	.....	1	Nov. 14, 1903	Louisiana Purchase Ex. Co.	Fire protection.
Forest Park....	S. of Cottage.....	.....	6	.....	.....	.....	.....	.....	Nov. 17, 1903	Louisiana Purchase Ex. Co.	Supply.

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PRIVATE CONNECTIONS PUT IN FROM APRIL 1, 1903, TO APRIL 1, 1904— Continued.

STREET.	BETWEEN	AND	Size in.	STOP VALVES. 3-in.	4-in.	6-in.	8-in.	12-in.	DATE.	OWNER.	USED FOR
St. Charles st..	Twelfth st.....	Thirteenth st..	4	.....	1	.....	.....	.....	Nov. 19, 1903	Mutual Realty Co.....	Supply.
Twelfth st.....	Olive st.....	.....	4	.....	1	.....	.....	.....	Nov. 24, 1903	Star Building Co.....	"
Twelfth st.....	Olive st.....	.....	4	.....	1	.....	.....	.....	Nov. 24, 1903	Star Building Co.....	"
Catalan st.....	I. M. R. R. trks..	.....	3	1	.....	.....	.....	.....	Dec. 7, 1903	Missouri Pacific Ry. Co.....	"
Eleventh st....	Soulard st.....	Lafayette av...	6	.....	.....	1	.....	.....	Dec. 11, 1903	St. Louis Cartage Co.....	Fire protection.
Hodiamont av.	Maple av.....	.....	8	.....	.....	.....	1	.....	Dec. 16, 1903	St. Louis & Suburban Ry....	" "
Hodiamont av.	Maple av.....	.....	8	.....	.....	.....	1	.....	Dec. 16, 1903	St. Louis & Suburban Ry....	" "
Washington av	Eleventh st.....	Twelfth st.....	6	.....	.....	1	.....	.....	Dec. 18, 1903	Wilbur F. Boyle, Trustee....	Automat. Sprinkler
First st.....	Cedar st.....	Plum st.....	3	1	.....	.....	.....	.....	Dec. 19, 1903	St. L. Ice Mfg. & Stor. Co.	Supply.
Skinker rd.....	Clayton rd.....	Lindell av.....	6	.....	.....	1	.....	.....	Dec. 19, 1903	Louisiana Purchase Ex. Co.	"
Main st.....	Howard st.....	Mound st.....	4	.....	1	.....	.....	.....	Dec. 29, 1903	Laclede Gas Light Co.....	"
Hamilton av...	N. of Kennerly..	.....	12	.....	.....	.....	.....	1	July 7, 1903	A. Leschen & Son Rope Co.	"
Thatcher av....	1250 ft. east of	Railroad av....	6	.....	.....	1	.....	.....	June 4, 1903	St. Louis Malleable Iron Co.	"
Mound st.....	Main st.....	Levee.....	6	.....	.....	.....	.....	.....	Nov. 30, 1903	Laclede Gas Light Co.....	"
Clayton rd.....	Sarah st.....	Manchester av.	3	1	.....	.....	.....	.....	Jan. 8, 1904	Wabash Railway Co.....	"
Seventh st.....	Poplar st.....	.....	4	.....	1	.....	.....	.....	Jan. 11, 1904	Terminal Railway Assn.....	"
Nat. Bridge rd.	Arlington av....	.....	3	.....	1	.....	.....	.....	Jan. 22, 1904	Union Jockey Club.....	"
Broadway.....	Pine st.....	Olive st.....	6	.....	.....	1	.....	.....	Feb. 5, 1904	Chapman Estate	Fire protection.
Convent st.....	Second st.....	Third st.....	6	.....	.....	1	.....	.....	Feb. 16, 1904	N. K. Fairbanks Co.....	" "
Clark av.....	Twentieth st....	Twenty-first st	6	.....	.....	1	.....	.....	Feb. 18, 1904	Terminal Railway Assn.....	Supply.
Spring av.....	Gratiot st.....	.....	4	.....	1	.....	.....	.....	Feb. 23, 1904	Fruin-Bambrick Const. Co..	"
Sarpy av.....	Manchester av..	.....	6	.....	.....	1	.....	.....	Mch. 3, 1904	St. Louis D. B. & P. Co.....	Fire protection.
Eighteenth st..	Poplar st.....	.....	4	.....	1	.....	.....	.....	Mch. 4, 1904	Terminal Railway Assn.....	Supply.
Second st.....	Clinton st.....	Monroe st.....	6	.....	.....	1	.....	.....	Mch. 5, 1904	Deere & Co.....	Fire protection.
Clinton st.....	Second st.....	Broadway.....	6	.....	.....	1	.....	.....	Mch. 5, 1904	Deere & Co.....	" "
Eleventh st....	Lynch st.....	Pestalozzi st...	4	.....	1	.....	.....	.....	Mch. 9, 1904	Anheuser-Busch	Supply.
Twelfth st.....	Pine st.....	.....	3	1	.....	.....	.....	.....	Mch. 10, 1904	R. G. Hooper & Co.....	"
Ninth st.....	Allen av.....	.....	3	1	.....	.....	.....	.....	Mch. 11, 1904	Bohemian Turner Hall.....	Fire protection.
Lindell av.....	DeBaliviere av..	.....	4	.....	1	.....	.....	.....	Mch. 11, 1904	Wabash Railway Co.....	Supply.
Clayton av.....	Hawk av.....	Manchester av	4	.....	1	.....	.....	.....	Mch. 14, 1904	Wabash Railway Co.....	"
W. Pine bl.....	Euclid av.....	Kingshighway.	3	1	.....	.....	.....	.....	Mch. 19, 1904	Buckingham Club	"
Fourteenth st..	S. of Poplar st...	.....	6	.....	.....	1	.....	.....	Mch. 23, 1904	Terminal Railroad Assn.....	"
W. S. 15th st....	Clark av.....	Walnut st.....	6	.....	.....	1	.....	.....	Mch. 29, 1904	Elvira Realty Co.....	Fire protection.
Clark av.....	Fifteenth st.....	Johnson st.....	6	.....	.....	1	.....	.....	Mch. 29, 1904	Elvira Realty Co.....	" "
Clark av.....	Fifteenth st.....	Johnson st.....	3	1	.....	.....	.....	.....	Mch. 29, 1904	Elvira Realty Co.....	Supply.

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TAP AND METER DEPARTMENT.

The work done by the Meter Department is given in the succeeding tables. "B" 6.

	½-in.	⅝-in.	¾-in.	1-in.	1½-in.	2-in.	3-in.	4-in.	6-in.	Total
New meters set	.....	57	25	8	3	6	6	7	10	122
Meters taken out	.....	2	3	.....	.....	1	.....	.....	.....	6
Meters replaced	.....	96	39	66	11	25	15	17	5	274

MONTHS.	Tested in Room	Tested in Place	Repaired in Room	Repaired in Place	New Boxes Set	New Frames and Covers Set.	Trips to Works.
April, 1903	67	225	4	140	10	9	2
May, 1903	48	246	6	130	.....	.....	.....
June, 1903	28	167	6	121	2	2	1
July, 1903	33	55	5	265	3	3	.....
August, 1903	47	90	4	180	18	18	.....
September, 1903	37	176	2	170	13	13	.....
October, 1903	45	286	4	201	4	4	1
November, 1903	60	165	7	160	17	17	.....
December, 1903	49	194	6	231	5	5	1
January, 1904	30	13	3	170	7	7	1
February, 1904	37	9	5	143	4	4	.....
March, 1904	49	42	10	181	2	2	.....
Total	530	1668	62	2092	85	84	6

Meters inspected during the fiscal year..... 757
Meters sealed 634
Meters out of order 124

SIZE AND NUMBER OF TAPS INSERTED IN PIPE MAINS FROM APRIL 1st, 1903, TO APRIL 1st, 1904. "B" 7.

MONTH	½-in.	⅝-in.	¾-in.	1-in.	1¼-in.	1½-in.	1¾-in.	2-in	Total each Month
April, 1903	187	29	18	.....	.....	.....	.....	.....	234
May, 1903	229	35	23	.....	.....	.....	.....	.....	287
June, 1903	214	19	16	.....	.....	.....	.....	.....	249
July, 1903	279	28	25	.....	.....	.....	.....	.....	332
August, 1903	231	35	21	.....	.....	.....	.....	.....	287
September, 1903	202	27	10	.....	.....	.....	.....	.....	239
October, 1903	216	27	20	.....	.....	.....	.....	.....	263
November, 1903	162	25	9	.....	.....	.....	.....	.....	196
December, 1903	120	25	15	.....	.....	.....	.....	.....	160
January, 1904	63	7	7	.....	.....	.....	.....	.....	77
February, 1904	84	8	14	.....	.....	.....	.....	.....	106
March, 1904	206	22	16	.....	.....	.....	.....	.....	244
Totals	2193	287	194	.....	.....	.....	.....	.....	2674
May, 1867, to April 1st, 1903	54987	9563	4800	591	911	33	10	8	70903
Total	57180	9850	4994	591	911	33	10	8	73577

Taps inserted previous to May, 1867 (estimated).....		5,060
Taps inserted since May, 1867, as per table.....		73,577
Total number inserted to April 1, 1903.....		78,637
Taps taken out to April 1, 1903.....	3,958	
Taps taken out from April 1, 1903, to April 1, 1904.....	174	
Total number taken out to date.....		4,132
Total number in service April 1, 1904.....		74,505

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TAPS CUT OUT, APRIL 1, 1903, TO APRIL 1, 1904.—"B" 8.

	½-in.	⅝-in.	¾-in.	1-in.
April, 1903	11	2	2	2
May, 1903	17	9	4	.....
June, 1903	4	7	2	.....
July, 1903	15	7	6	.....
August, 1903	14	8	4	3
September, 1903	6	2	2	.....
October, 1903	14	6	4	.....
November, 1903	5	2	2	.....
December, 1903	3	1	.....	.....
January, 1904	1	.....	.....	.....
February, 1904	.....	1	2	.....
March, 1904	5	.....	1	.....
Total	95	45	29	5

TABLE SHOWING SIZE AND NUMBER OF TAPS INSERTED IN PIPE MAINS FROM 1880 TO 1904, INCLUSIVE.—"B" 9.

Size.	½-in.	⅝-in.	¾-in.	1-in.	1¼-in.	1½-in.	2-in.	Total.
April, 1880	217	194	157	20	51	.....	.....	639
" 1881	905	178	69	18	35	.....	.....	1.205
" 1882	1.138	237	91	17	57	.....	.....	1.540
" 1883	1.273	249	70	14	54	.....	.....	1.660
" 1884	1.374	462	92	9	71	.....	.....	2.008
" 1885	1.656	458	69	8	39	.....	.....	2.230
" 1886	1.887	460	83	15	40	.....	8	2.493
" 1887	1.520	330	80	16	26	4	.....	1.976
" 1888	1.830	310	114	9	25	1	.....	2.289
" 1889	1.811	285	80	6	17	2	.....	2.201
" 1890	1.746	318	118	25	24	2	.....	2.233
" 1891	2.699	472	261	7	3	.....	.....	3.442
" 1892	2.709	257	228	9	.....	.....	.....	3.203
" 1893	2.779	317	216	4	.....	.....	.....	3.316
" 1894	2.887	364	182	4	.....	.....	.....	3.427
" 1895	2.457	368	189	.....	.....	.....	.....	3.014
" 1896	3.253	368	209	.....	.....	.....	.....	3.830
" 1897	2.450	282	171	1	.....	.....	.....	2.904
" 1898	2.059	415	196	.....	.....	.....	.....	2.670
" 1899	1.814	269	160	.....	.....	.....	.....	2.243
" 1900	1.661	266	176	.....	.....	.....	.....	2.103
" 1901	1.562	183	138	.....	.....	.....	.....	1.883
" 1902	1.903	264	195	.....	.....	.....	.....	2.362
" 1903	2.201	308	242	.....	.....	.....	.....	2.751
" 1904	2.193	287	194	.....	.....	.....	.....	2.674
Total	47.984	7.891	3.780	182	442	9	8	60.296

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SUPPLY INSPECTION DEPARTMENT.

The following work was done by the Supply Inspection Department—"B" 10:

	Number of Inspections.	Number in Good Order.	Number of leaks.	Leaks reported by Police.	Leaks reported by Telephone.	Leaks reported by Tenant.	Notices Served.	Leaks Repaired.	Leaks Shut Off.
April, 1903	8,039	7,728	311	20	61	49	411	363	78
May, 1903	6,883	6,675	208	11	93	33	345	274	11
June, 1903	4,313	4,078	235	22	121	69	447	334	113
July, 1903	7,374	6,991	383	118	74	45	620	553	67
August, 1903	8,308	7,699	609	81	87	50	827	769	58
September, 1903	5,663	5,342	321	94	83	65	563	496	67
October, 1903	9,017	7,937	1,080	103	45	62	1,290	1,225	65
November, 1903	6,360	5,307	1,053	86	51	53	1,243	1,158	85
December, 1903	7,003	5,830	1,173	127	83	63	1,446	1,272	174
January, 1904	7,494	6,242	1,252	98	41	52	1,252	1,115	137
February, 1904	8,794	7,751	1,043	94	53	59	1,043	902	141
March, 1904	9,389	7,931	1,458	51	18	44	1,458	1,344	114
Total	88,637	79,511	9,126	905	810	644	10,975	9,805	1,170

The repairs of fixtures made on account of notices from the Inspection Department are as follows:

Hydrants	2,089	Stop and Waste	14
Faucets	2,204	Stop Boxes	2,456
Water Closets	2,477	Builders' Taps	36
Pipes	1,471	Fountains	94
Street Washers	130		

THE FOLLOWING IS THE REPORT OF THE NUMBER OF INSIDE FIRE PLUGS AND AUTOMATIC SPRINKLERS EXAMINED AND RESEALED.

	Number of Inside Connections Examined.	Number of Seals Found Broken.	Number of Seals Broken—Authorized.	Number of Seals Broken—Unauthorized.
April, 1903	1,993	264	191	73
May, 1903	2,672	357	285	72
June, 1903	2,266	257	204	53
July, 1903	2,614	257	35	222
August, 1903	2,621	213	71	142
September, 1903	2,610	141	63	78
October, 1903	2,792	135	84	51
November, 1903	2,429	290	100	190
December, 1903	2,761	295	65	230
January, 1904	2,372	193	66	127
February, 1904	2,544	185	52	133
March, 1904	1,244	117	57	60
Total	28,918	2,704	1,273	1,431

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WORK OF THE MUNICIPAL TESTING LABORATORY FOR THE YEAR 1903-1904.

The regular work done in the Test Laboratory during the year beginnign April 1st, 1903, and ending March 31st, 1904, is shown by the tables included in this report.

Considerable experimental work has been carried on during the year for the various departments. Satisfactory conclusions have been deduced from some of these tests; others are still in abeyance.

STEEL CONCRETE STOP VALVE BOXES.

Seventy-one stop-valve boxes made of expanded metal and concrete have been made and are now in use. Practice in setting these boxes has shown that three men can assemble one of these boxes in the ground with very little more labor than is required in setting a wood box.

The cost of each box at the present price of material is as follows:

Cement	$ .70
Sand	.25
Stone	.30
Expanded metal	3.68
Labor	1.20
Total	$6.13

The mixture of concrete used in making the boxes is one part cement, two parts sand and four parts broken stone.

At present the laboratory is equipped for making two steel-concrete stop valve boxes per day. This work has not in any way interefered with the regular testing.

Series of longer tests than are required by the specifications have been undertaken and reports duly made to the Departments interested in the cement tested.

NUMBER OF BARRELS AND SACKS OF CEMENT REPRESENTED BY TESTS.

WATER DEPARTMENT.

Brand.	Barrels.	Sacks.
Lehigh	116	.....
Universal	...	180
Red Ring	466	21,205
Total	582	21,385

SEWER DEPARTMENT.

Brand.	Barrels.	Sacks.
Atlas	8,071	10,670
Marquette	233	.....
Iola	4,176	15,640
Lehigh	3,546	.....
Universal	1,405	.....
Total	17,431	26,310

STREET DEPARTMENT.

Brand.	Barrels.	Sacks.
Dexter	100	.....
Atlas	.....	30,080
Red Ring	74,537	188,310
Iola	300	23,680
Lehigh	300	7,100
Owl	.....	2,400
"A. A."	.....	3,640
Heckla	.....	10,180
Wolverine	.....	7,300
Castalia	100	.....
Universal	.....	3,200
Iola	.....	640
"Kan. Portland Cement Co."		
Total	75,337	276,350

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	Barrels.	Sacks.
Water Department	582	21,385
Sewer Department	17,431	26,210
Street Department	75,337	267,350
Total	93,350	324,045

The percentages of cement tested for each department are as follows:

Water Department	3.40%
Sewer Department	13.76%
Street Department	82.84%

Cement Briquettes Mixed from April 1, 1903, to April 1, 1904.

Water Department	2,944 Briquettes.
Sewer Department	8,624 Briquettes.
Street Department	31,602 Briquettes.
Experimental	3,502 Briquettes.
Total for year	46,672 Briquettes.

Cement Briquettes broken from April 1, 1903, to April 1, 1904.

Water Department	2,982 Briquettes.
Sewer Department	8,820 Briquettes.
Street Department	32,195 Briquettes.
Experimental	2,184 Briquettes.
Total for year	46,181 Briquettes.

Brick tests made from April 1, 1903, to April 1, 1904.

Sewer Department	88 Tests.
Street Department	44 Tests.
Experimental	25 Tests.
Total for year	157 Tests.

Considerable old and unused apparatus has been condemned and disposed of during the year and some few necessary improvements to the laboratory equipment made.

In reviewing the year's work, it may be said that the net cost of operating has been slightly in excess of that of last year. This is due to the immense amount of work necessary in preparing for the World's Fair year.

Preparations for the clarifying of the water supply have proceeded steadily and will be completed by May 1st.

The coming year will be, in a great measure, a test of the capacity of the present works, and will serve as a means of ascertaining whether or not there is any immediate danger of a water famine. Several changes and additions may be made to the present works, which will not only prolong their life, but will bring them to the state of efficiency they should possess.

It has been my desire to accomplish this, and too much cannot be said of the able manner in which the heads of the various departments of the Water Works, as well as their assistants, have co-operated with me.

Respectfully,

B. C. ADKINS,

Water Commissioner.

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PIPE DISTRIBUTION, COAL AND OTHER CONTRACTS—"C" 1.

No. of Ordinance.	Appropriation.	Description of Contracts.	Contractor.	Number of Contract.	Estimated Amount of Contract.	Expended previous to last report, 1902-1903.	Expended since last report, 1902-1903.	Total expended.	Expended on Pipe Distribution, 1903-1904.	Balances. Transferred.	Balances. Not transferred. Available.	Complete.
20559	$ 90,000 00	Laying water pipes.....	John F. McMahon	6128	$ 34.703 00	$ 36.665 70	$ 4.687 57	$ 41.353 27	$ 4.687 57	..	.....	..
20559	90,000 00	Laying water pipes.....	Buehler-Cooney Const. Co...	6184	34.207 00	32.321 86	4.825 16	37.147 02	4.825 16	..	$ 8.853 73	..
20559	90,000 00	Laying water pipes.....	Miscellaneous	....	.....	500 95	2.145 03	2.645 98	2.145 03	..	.....	..
20596	30,000 00	Laying water pipes.....	Frederick Hoffman Co.....	6205	9.008 50	11.201 43	.....	11.201 43	.....	..	.....	..
		Laying water pipes.....	Buehler-Cooney Const. Co...	6206	15.535 00	16.337 44	1.930 16	18.267 60	1.930 16	..	377 61	..
		Laying water pipes.....	Miscellaneous	....	.....	.....	153 36	153 36	153 36	..	.....	..
Rev.		Coal for Bissell's Point..	Boehmer Coal Co.....	6207	44.820 00	30.105 36	11.769 42	42.874 78	.....	....	.....	..
Ord.	.....	Coal for Baden.....	Boehmer Coal Co.....	6208	25.600 00	17.654 80	9.559 53	27.214 33	.....	....	.....	..
		Coal for Chain of Rocks.	Boehmer Coal Co.....	6209	19.200 00	13.598 52	5.464 56	19.063 08	.....	....	.....	..
20819	600.00	Drinking Fountain	Harry F. Heman.....	6431	600.00	.....	600 00	600 00	.....	....	.....	..
		Water pipes	U. S. Cast Iron P. & F. Co..	6485	146.031 25	.....	143.856 55	143.856 55	143.856 55	..	.....	..
		Special castings	Magnetite Fdry. Co.....	6486	26.055 00	.....	30.232 49	30.232 49	32.232 49	..	.....	..
20962	225,000 00	Stop valves	Michigan Brass & Iron Wks.	6491	9.536 30	.....	9.635 25	9.635 25	9.635 25	..	22.276 20	..
		Fire plugs	Pleuger & Henger Mfg. Co..	6487	9.210 00	.....	11.529 60	11.529 60	11.529 60	..	.....	..
		Special castings	Miscellaneous	....	.....	.....	7.469 91	7.469 91	7.469 91	..	.....	..
20869	15,000 00	Water meters	Miscellaneous	....	.....	.....	14.808 75	14.808 75	14.808 75	....	191 25	..
20870	100,000 00	Water pipes	U. S. Cast Iron P. & F. Co..	6485	146.031 25	.....	7.747 28	7.747 28	7.747 28	..	.....	..
20870	100,000 00	Special castings	A. P. Smith Mfg. Co.....	....	.....	.....	1.900 00	1.900 00	1.900 00	..	90.352 72	..
		Laying water pipes.....	John O'Donnell	6488	27.308 00	.....	26.585 41	26.585 41	26.585 41	..	.....	..
21006	75,000 00	Laying water pipes.....	Patrick O'Donnell	6489	25.965 00	.....	17.541 34	17.541 34	17.541 34	..	20.678 52	..
		Laying water pipes.....	Miscellaneous	....	.....	.....	194 73	194 73	194 73	..	.....	..
Rev.		Coal for Bissell's Point..	Consolidated Coal Co.....	6603	.....	.....	30.985 53	30.985 53	.....	....	.....	..
Ord.	.....	Coal for Baden.....	Consolidated Coal Co.....	6604	.....	.....	30.894 29	30.894 29	.....	....	.....	..
		Coal for Chain of Rocks.	Consolidated Coal Co.....	6605	.....	.....	22.387 11	22.387 11	.....	....	.....	..
21284	.....	Drinking Fountain	John Paul & Co.....	6807	485 00	.....	.....	.....	.....	....	.....	..

Total amount expended for Pipe Distribution from April 1, 1903, to April 1, 1904, $285,242.59.

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WATER WORKS EXTENSION, RECONSTRUCTION, ETC., CONTRACTS— "C" 2.

No. of Ordinance.	Appropriation.	Description of Contracts.	Contractors.	Number of Contract.	Estimated Amount of Contract.	Expended previous to last report, 1902-1903.	Expended since last report, 1902-1903.	Total expended.	Expended on W. W. Extension, Reconstruction, 1903-1904.	Balances. Transferred.	Balances. Not transferred. Available.	Complete.
17263	$ 350,000 00	L. S. Engines, Nos. 6 & 7.	Miscellaneous	....	.....	$310,155 97	$ 1,060 00	$311,215 97	$ 1,060 00	....	$ 38,784 03	"
18994 & 20237	465,000 00	H. S. Engines Nos. 1, 2, 3.	Edw. P. Allis Co.	5344	$272,000 00	202,312 10	11,735 04	214,047 14	11,735 04	..	167,622 11	"
		Steam and feed water piping, etc.	Kupferle Bro. Mfg. Co.	6271	11,206 00	9,138 63	2,311 43	11,450 06	2,311 43			
		Reconst. H. S. Station No. 1	Miscellaneous	....	.....	53,090 41	18,790 28	71,880 60	18,790 28			
19630 & 21198	280,000 00	H. S. Engines Nos. 11 & 12	Edw. P. Allis Co.	5472	225,000 00	149,120 00	121,356 50	270,476 50	121,356 50	..	3,706 68	"
		H. S. Engines Nos. 11 & 12	Miscellaneous	....	.....	5,050 76	765 06	5,816 82	765 06			
20207 & 20464	52,500 00	Electric Plant Water W.	Miscellaneous	....	.....	49,275 23	1,597 85	50,872 08	1,597 85	....	1,627 92	"
20392	81,000 00	Storage coal shed, etc..	Chas. D. Mitchell	6266	21,753 00	12,395 30	9,896 92	22,292 22	9,896 92	..	31,486 12	"
		Machine Shop at Bissell's Point	Miscellaneous	....	.....	22,397 27	4,824 39	27,221 66	4,824 39			
20655	30,000 00	Six down draft furnaces Chain of Rocks	Jno. O'Brien Boiler Wks.	6375	7,589 00	.....	2,039 31	2,039 31	2,039 31	..	27,708 27	"
		Reconst. of Boiler Plant.	Miscellaneous	....	.....	14.75	237 67	252 42	237 67			
20774	60,000 00	Grading grounds at Pipe Yard	Michael Homick	6318	9,675 00	2,700 45	3,755 15	6,455 60	3,755 60	..	42,091 63	"
		Office Building Pipe Yard	Althaus & Helm	6449	7,168 00	.....	7,680 42	7,680 42	7,680 42			
		New Pipe Yard	Miscellaneous	....	.....	859 78	2,912 57	3,772 35	2,912 57			
21026	110,000 00	Clarifying and purifying water supply	Miscellaneous	....	.....	.....	74,557 14	74,557 15	74,557 15	....	35,442 85	"
21199	50,000 00	Coal switch from Humbolt av. to Bissell's Pt.	Fruin & Colnon	6666	45,404 75	.....	28,069 02	28,069 02	28,069 02	..	21,893 93	
		Electric Plant Water W.	Miscellaneous	....	.....	.....	37 05	37 05	37 05			

Total amount expended for Water Works Extension from April 1, 1903, to April 1, 1904..... $137,530 15
Total amount expended for Water Works Reconstruction from April 1, 1903, to April 1, 1904..... 49,835 04
Total amount expended for Electric Plant Water Works from April 1, 1903, to April 1, 1904..... 29,703 92
Total amount expended for Clarifying and Purifying Water Supply from April 1, 1903, to April 1, 1904..... 74,557 15

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WATER WORKS FUND—"D" 1.

Appropriated by—		
Ordinance No. 21171	Commissioner's Office	$ 12.000 00
" " "	Distribution System	20.000 00
" " "	Tap and Meter Department	25.000 00
" " "	High and Low Service Engines	310.000 00
" " "	Settling Basins	90.000 00
" " "	Street Service Department	110.000 00
" " "	Inspection	16.000 00
" " "	Storage Reservoir	20.000 00
" " "	Electric Plant and Railway	12.000 00
		$615.000 00
Transferred from contracts and other deposits to Street Service Department		25.452 87
		$640.452 87
Amount refunded to Street Service Department from contracts and other deposits for doing private work	$25.452 87	
Amount received by Assessor and Collector of Water Rates for material and labor furnished on taps, shut-offs, repairing meters, etc.	10.422 40	
Amount received for old engines, scrap iron and brass, cinders, etc.	31.125 04	
Amount transferred to Water Works revenue	25.642 26	92.642 57
Net cost for maintenance of Water Commissioner's Department for the year ending April 1st, 1904		$547.810 30

WATER PIPE FUND—"D" 2.

Appropriated by Ordinance No. 21468		$225.000 00
Appropriated by Ordinance No. 21469		65.000 00
Re-appropriated—		
To purchase water pipe, etc., Ordinance No. 21468	$225.000 00	
To lay water pipe, Ordinance No. 21469	65.000 00	
	$290.000 00	$290.000 00

WATER WORKS EXTENSION FUND—"D" 3.

Appropriated by Ordinance No. 21171		$ 45.000 00
Transferred from Ordinance No. 17339 to Fund Ordinance No. 21198		55.000 00
Appropriated by Ordinance No. 21200		575.000 00
Re-appropriated to Water Works Extension, Salaries and Expenses by Ordinance No. 21171	$ 45.000 00	
Re-appropriated to High Service Engines No. 11 and 12 by Ordinance No. 21198	55.000 00	
Re-appropriated to Settling Basins No. 7 and 8 by Ordinance No. 21200	575.000 00	
	$675.000 00	$675.000 00

ELECTRIC PLANT WATER WORKS FUND—"D" 4.

Appropriated by Ordinance No. 21199		$ 50.000 00
Re-appropriated—		
To pay the cost thereof	$50.000 00	
	$50.000 00	$ 50.000 00

PUBLIC DRINKING FOUNTAIN FUND—"D" 5.

Appropriated by Ordinance No. 21284		$600 00
Re-appropriated—		
To pay the cost thereof	$600 00	
	$600 00	$600 00

PURCHASE OF LOCOMOTIVE FUND—"D" 6.

Appropriated by Ordinance No. 21477		$ 10.000 00
Re-appropriated—		
To pay the cost thereof	$10.000 00	
	$10.000 00	$ 10.000 00

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COMMISSIONER'S OFFICE—"D" 7.

	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total.
Pay Roll	$740 00	$740 00	$740 00	$740 00	$740 00	$740 00	$740 00	$740 00	$740 00	$740 00	$740 00	$740 00	$8880 00
Stationery and printing	45 00	31 60	76 22	273 90	109 20	50 30	61 83	16 30	29 34	1 00	132 82	74 55	902 06
Office furniture, supplies and repairs	16 40	40 35	68 55	84 88	2 35	92 95	5 25	21 00	31 45	11 68	.....	25 00	399 86
Keep of horse and buggy	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	20 00	240 00
Washing towels	.....	1 68	.....	.....	1 83	.....	.....	1 79	.....	.....	1 61	1 78	8 69
Stamps, telegrams and express charges	5 62	.....	.....	4 62	.....	.....	41 03	.....	.....	.....	2 95	.....	54 22
Rent of telephones, etc	.....	.....	71 25	3 00	.....	71 25	.....	.....	71 25	3 00	.....	146 25	366 00
Analysis of coal	25 00	25 00	25 00	25 00	25 00	25 00	25 00	25 00	25 00	25 00	25 00	25 00	300 00
Traveling expenses	.....	179 05	.....	.....	34 80	14 75	.....	.....	.....	.....	.....	.....	228 60
	$852 02	$1037 68	$1001 02	$1151 40	$933 18	$1014 25	$893 11	$824 09	$917 04	$800 68	$922 38	$1032 58	$11379 43

DISTRIBUTION SYSTEM—"D" 8.

	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total.
Pay Roll	$1120 00	$978 87	$920 00	$1099 70	$1030 00	$1105 00	$1107 50	$1228 00	$1309 50	$1344 50	$1335 50	$1381 98	$13960 55
Horses, board, etc	.....	92 00	47 00	8 00	88 62	11 00	69 62	267 50	40 00	15 87	80 50	44 00	764 11
Wagons, harness and repairs	.....	1 15	34 50	1 50	94 65	4 75	9 45	11 75	.....	5 00	1 50	12 25	176 50
Drawing and surveying materials, etc	750 00	7 60	2 00	34 20	16 10	27 18	7 75	11 40	21 00	6 50	13 00	8 68	905 41
Street car tickets	10 75	32 40	35 45	22 90	24 70	11 85	25 00	15 00	15 00	.....	15 00	45 00	253 05
Testing, analysis, etc	.....	5 00	60 00	.....	.....	.....	.....	.....	.....	17 50	.....	.....	82 50
Inspection expenses	153 15	132 00	249 75	135 00	163 50	111 00	3 45	.....	.....	.....	.....	.....	947 85
Office furniture, supplies, etc	.....	10 60	4 70	97 00	38 70	4 30	7 50	158 10	.....	180 40	30 55	43 50	575 35
Recording gauges, supplies, etc	.....	69 25	1 50	.....	.....	6 00	1 50	.....	5 30	.....	.....	3 00	86 55
Photograph supplies	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	255 59	255 59
	$2033 90	$1328 87	$1354 90	$1398 30	$1456 27	$1281 08	$1231 77	$691 75	$1390 80	$1569 77	$1476 05	$1794 00	$18007 46

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TAP AND METER DEPARTMENT—"D" 9.

	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total.
Pay Roll	$ 415 00	$ 415 00	$ 415 00	$ 415 00	$ 415 00	$ 415 00	$ 415 00	$ 415 00	$ 415 00	$ 415 00	$ 415 00	$ 415 00	$ 4980 00
Horses, board of horses, etc	39 50	294 56	104 00	2 81	214 18	88 00	154 00	111 00	111 81	29 24	47 47	.....	1196 57
Wagons, harness and repairs	5 50	.....	4 35	57 70	140 62	6 00	6 65	4 30	13 10	20	8 75	.....	247 17
Tools and repairs	37 75	.....	.....	.....	.....	.....	5 98	.....	8 00	.....	.....	.....	51 73
Office supplies	7 35	7 32	15 50	7 75	15 17	18 40	15 91	31 85	16 88	10 84	18 70	.....	160 67
Corporation stop cocks	.....	163 70	72 60	223 44	297 78	256 78	.....	103 16	570 31	1021 29	.....	.....	2709 06
Tapping machine repairs	.....	.....	.....	.....	60	.....	.....	.....	.....	.....	24 33	.....	24 93
Meters and repairs	115 48	213 97	23 10	19 03	5 10	318 92	2806 84	4933 62	288 62	360 00	108 07	.....	9132 75
Replacing and repairing meters	460 00	449 90	408 60	428 00	604 00	642 61	565 74	577 00	593 00	585 00	588 75	593 00	6496 60
	$1080 58	$1544 45	$1043 15	$1153 73	$1692 45	$1740 71	$3970 12	$6175 93	$1956 72	$2421 57	$1211 07	$1008 00	$24998 48
Received for furnishing and putting in taps												$8191 15	
Repairing and testing meters												1552 30	9743 45
													$15255 03

HIGH SERVICE ENGINES, BISSELL'S POINT—"D" 10.

	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total.
Pay Roll	$3300 00	$3500 00	$2924 00	$3141 61	$2616 45	$2723 02	$2689 93	$2363 60	$3144 89	$3305 10	$3018 24	$2670 41	$35397 25
Coal	2865 93	.....	9196 26	2589 16	5022 52	3051 01	3825 02	2646 21	2863 92	2886 70	5421 39	2086 73	42754 85
Repairs to machinery and boilers	1290 29	901 78	1031 00	1090 18	733 27	1078 55	1138 93	1629 26	2079 46	1345 72	1043 96	1733 22	15095 62
Tools and repairs	.....	7 76	.....	7 39	99 05	236 81	66 01	15 64	454 50	30 00	9 63	197 85	1124 64
Oils and tallow	86 57	135 34	123 64	41 80	132 68	36 12	.....	105 14	106 24	68 21	3 25	111 92	950 91
Hemp, packing and white waste	.....	41 33	.....	41 47	.....	.....	.....	135 15	46 35	.....	.....	2 50	266 80
Rubber, valves, packing and hose	.....	51 15	.....	61 56	203 47	250 29	.....	195 18	34 71	356 40	6 80	207 24	1366 80
Engineer and house supplies	74 79	83 25	93 67	54 29	141 22	548 07	648 22	348 40	166 31	276 07	159 78	296 05	2890 12
Office supplies, ice, etc	5 91	12 18	35 54	46 28	77 30	48 79	20 55	8 42	41 50	17 65	7 70	.....	321 85
Repairing and cleaning buildings	656 11	460 97	510 17	847 08	465 99	449 18	724 50	435 47	677 21	496 79	688 93	670 78	7083 18
Care of L. S. Station B's Point	283 25	271 50	271 70	298 65	269 90	219 00	226 30	219 00	266 55	150 04	150 00	.....	2625 89
Work done for other departments	547 67	637 81	191 31	211 44	1390 13	1094 64	421 57	553 05	239 95	483 18	478 76	499 57	6749 08
Carriage for Treasurer to pay men	7 00	.....	14 00	.....	14 00	7 00	.....	14 00	7 00	7 00	.....	.....	70 00
Fighting high water	.....	.....	534 15	.....	.....	.....	.....	.....	.....	.....	.....	.....	534 15
Testing and repairing scales	.....	9 00	.....	12 00	1 00	.....	.....	.....	.....	.....	23 75	.....	45 75
	$9117 55	$6112 07	$15225 44	$8442 91	$11166 98	$9742 48	$9761 03	$8668 52	$10128 59	$9422 86	$11012 19	$8476 27	$117276 89
Scrap iron and brass, cinders, etc., sold													25171 04
													$92105 85

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HIGH SERVICE ENGINES, BADEN—"D" 11.

	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total.
Pay Roll	$2500 00	$2608 75	$2600 03	$2600 00	$2485 02	$2449 01	$2369 82	$2823 83	$2442 92	$2316 05	$2284 43	$2239 93	$29719 76
Coal	1973 17	.....	4164 15	3744 65	6620 56	3261 97	3896 75	2800 27	3586 05	3380 43	3370 47	3655 35	40453 82
Repairs to machinery and boilers	1007 83	948 38	650 00	788 00	1436 38	606 20	836 86	978 45	861 30	1041 53	772 59	1023 99	10951 51
Tools and repairs	14 79	4 63	10 90	1 15	7 00	.....	7 95	57 50	35 10	52 42	.....	4 40	195 84
Oils and tallow	221 68	47 03	270 00	8 60	102 97	220 74	13 58	113 24	136 57	80 37	124 62	178 13	1517 53
Hemp packing and white waste	.....	78 22	.....	41 40	50 84	48 74	88 58	.....	.....	139 69	80 77	46 80	575 04
Rubber valves, packing and hose	.....	667 86	.....	106 20	.....	31 62	28 47	.....	14 04	80 10	1 10	58 75	988 14
Engine and house supplies	51 36	70 50	91 72	16 90	126 51	310 59	137 37	155 87	45 77	84 20	68 20	88 26	1247 25
Office supplies, ice, etc	9 80	70 66	68 23	95 39	179 51	163 14	66 91	91 98	109 19	90 23	217 30	127 12	1289 46
Testing and repairing scales	.....	7 00	.....	10 00	.....	.....	.....	.....	.....	.....	.....	.....	17 00
Repairing and cleaning buildings	492 42	525 48	352 31	400 87	278 94	722 83	552 20	599 81	442 33	660 32	823 56	728 10	6579 17
Work done for other departments	274 21	187 84	111 49	128 55	565 44	183 06	208 82	149 36	299 85	227 07	128 31	256 66	2710 66
	$6545 26	$5216 35	$8318 80	$7941 71	$11843 17	$7997 90	$8207 31	$7770 31	$7973 12	$8152 41	$7871 35	$8407 49	$96245 18
Vertical engine, air compressor, etc., sold													251 00
													$96994 18

LOW SERVICE ENGINES, CHAIN OF ROCKS—"D" 12.

	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total.
Pay Roll	$2400 00	$2450 00	$2404 55	$2454 84	$2402 47	$2553 75	$2402 44	$2332 79	$2367 69	$2594 47	$2533 19	$2333 38	$29231 57
Coal	1283 47	.....	4560 57	2253 65	2158 44	2065 28	2176 73	1902 67	2750 14	2289 65	3368 10	3042 97	27851 67
Repairs to machinery and boilers	789 12	967 86	663 19	584 31	834 38	729 78	926 78	714 30	800 13	1115 23	649 22	1230 03	10004 33
Tools and repairs	18 90	25 25	.....	.....	5 35	80 00	.....	32 53	44 24	5 85	4 00	65 89	282 01
Oils and tallow	73 93	42 00	30 10	63 43	23 60	163 50	.....	79 42	18 12	237 36	157 32	193 43	1082 21
Hemp packing and white waste	.....	41 44	.....	38 14	.....	194 57	42 75	.....	.....	85 51	60 35	48 42	511 18
Rubber valves, packing and hose	.....	41 58	.....	41 78	.....	.....	93 70	37 50	26 35	50 00	.....	93 00	383 91
Engine and house supplies	158 58	23 95	.....	97 35	17 80	284 69	11 16	185 54	177 11	68 90	63 33	342 14	1430 55
Office supplies, ice, etc	.....	27 51	29 33	.....	121 97	107 74	37 26	59 45	6 24	6 30	13 92	.....	409 72
Testing and repairing scales	.....	7 00	.....	7 00	.....	.....	.....	.....	.....	.....	.....	.....	14 00
Repairing and cleaning buildings	210 36	179 42	400 62	265 91	306 67	258 55	233 23	422 52	340 76	150 32	813 27	101 95	3683 61
Work done for other departments	224 75	85 70	58 73	46 28	73 23	107 37	140 41	143 11	86 78	96 01	195 25	156 52	1414 14
	$5159 11	$3891 71	$8147 09	$5852 72	$5943 91	$6545 23	$6066 46	$5909 83	$6617 56	$6699 60	$7857 95	$7607 73	$76298 90
Old engines, boilers, etc., sold													5703 00
													$70595 90

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CONSTRUCTION DEPARTMENT—"D" 13.

	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total.
Pay Roll	$881 38	$863 50	$458 36	$434 25	$405 00	$405 00	$430 00	$430 00	$530 00	$470 00	$400 00	$454 84	$6162 33
Stationery and printing	.....	3 23	31 85	3 00	56 15	.....	3 40	7 20	2 46	7 50	.....	7 05	121 84
Drawing materials	.....	.....	.....	7 98	1 60	.....	.....	1 60	.....	.....	2 90	.....	14 08
Transportation	.....	.....	.....	20 00	.....	.....	.....	.....	20 00	.....	.....	.....	40 00
Engine inspection	98 52	50 00	35 40	.....	.....	.....	.....	.....	.....	.....	.....	.....	183 92
Office furniture, supplies, etc	.....	.....	.....	.....	.....	10 50	3 20	10 00	.....	.....	375 00	41 50	440 20
	979 90	$916 73	$525 61	$465 23	$462 75	$415 50	$436 60	$448 80	$552 46	$477 50	$777 90	$503 39	$6962 37

SETTLING BASINS, BISSELL'S POINT—"D" 14.

	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total.
Foreman, gatekeepers and watchmen	$702 00	$697 37	$606 33	$591 45	$624 15	$524 50	$495 15	$ 607 50	$837 80	$756 90	$800 85	$713 15	$7957 15
Parks	586 40	573 25	494 50	559 75	643 50	684 00	921 33	516 30	735 10	507 00	399 97	855 00	7476 10
Grounds, roads and fences	492 50	284 50	465 25	481 25	446 50	597 46	287 00	394 25	314 75	350 64	384 30	843 40	5341 80
Railroads and switches	6.00	.....	29 00	93 00	48 75	181 22	75 30	182 25	151 75	264 44	796 25	580 00	2407 96
Sewers, drains, etc	.....	.....	9 45	.....	33 65	.....	10 50	.....	.....	.....	.....	.....	53 60
Tools and repairs	60 80	93 50	44 50	110 25	35 25	7 55	.....	1 25	34 80	.....	21 83	216 52	626 25
Miscellaneous work	40 00	10 48	23 50	.....	50 60	130 91	108 35	152 75	.....	.....	.....	32 00	548 59
Materials for repairs, etc	.....	72 00	.....	5 00	97 32	61 26	216 63	144 11	127 60	99 76	117 45	137 56	1078 69
Office supplies, etc	.....	.....	20 00	.....	.....	.....	141 37	125 90	28 45	17 00	7 84	10 50	351 06
Horses, wagons, feed, etc	51 20	54 09	5 35	103 25	91 76	.....	42 50	.....	191 59	42 89	.....	77 81	560 44
Repairing basins, etc	.....	.....	.....	.....	.....	231 42	118 85	.....	.....	.....	.....	.....	350 27
Chemist	.....	.....	.....	.....	.....	.....	150 00	150 00	150 00	150 00	150 00	225 00	975 00
Water Works extension	.....	206 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	206 00
Repairing conduit and stand pipes	45 51	.....	.....	.....	.....	79 25	.....	.....	.....	.....	.....	.....	124 76
Repairing basins Storage Reservoir	203 75	.....	1211 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	1415 25
Fighting high water at Bissell's Point and ice at Chain of Rocks	.....	.....	918 00	189 25	.....	.....	.....	.....	.....	81 50	139 87	.....	1328 62
Trucking coal	.....	.....	261 25	183 00	236 25	63 00	.....	.....	.....	.....	.....	.....	743 50
Work at Baden	.....	246 50	297 00	235 50	.....	.....	.....	.....	184 80	90 80	.....	83 40	1138 00
Electric supplies	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3280 57	3280 57
	$2188 16	$2237 69	$4385 63	$2551 70	$2307 73	$2560 57	$2566 98	$2274 31	$2656 64	$2360 93	$2818 36	$7054 91	$35963 61

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SETTLING BASINS, CHAIN OF ROCKS—"D" 15.

	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total.
Foreman, gatekeepers and watchmen	$498 00	$508 00	$492 00	$519 15	$537 88	$540 00	$590 00	$636 00	$649 00	$618 78	6 $683 00	$687 00	$6958 81
Cleaning basins	.....	655 30	381 12	503 31	929 74	292 00	505 07	478 06	.....	.....	.....	.....	3755 60
Parks	.....	36 75	.....	350 42	441 50	269 25	378 50	209 50	390 50	551 11	387 00	622 25	3636 78
Grounds, roads and fences	604 30	398 75	466 81	521 75	484 75	903 50	686 62	488 55	1124 05	854 72	656 74	733 41	7923 95
Railroads and switches	25 75	179 16	420 10	316 12	406 25	380 00	1006 25	747 50	534 00	701 54	645 31	3651 72	9013 70
Sewers, drains, etc	.....	.....	.....	.....	.....	.....	.....	174 19	.....	.....	61 20	.....	235 39
Repairing gatehouses and basins	.....	34 00	20 00	80 75	.....	.....	123 75	.....	30 75	.....	.....	.....	289 25
Tools and repairs	47 25	16 70	20 25	79 93	31 88	7 38	11 40	.....	37 13	15 84	158 00	175 74	601 55
Miscellaneous work	137 95	181 49	107 10	132 30	255 15	126 60	132 20	250 41	7 70	.....	6 84	.....	1337 74
Materials for repairs, etc	.....	74 54	.....	.....	99 00	187 24	262 89	38 25	99 15	89 79	193 11	375 25	1419 22
Office repairs, supplies, etc	.....	.....	.....	.....	.....	2 94	.....	4 95	16 98	.....	17 33	65 83	108 03
Repairing Inlet Tower, fighting ice, etc	6 00	.....	57 72	4 00	.....	.....	.....	.....	581 00	963 16	5527 39	223 29	7352 56
Work at Baden	58 25	68 00	112 50	103 25	.....	.....	.....	.....	.....	.....	.....	.....	342 00
Syphons and dredge	177 82	132 04	1125 50	4 00	.....	.....	.....	.....	.....	306 88	.....	.....	1746 24
Storage coal shed	.....	.....	.....	.....	.....	.....	.....	.....	121 42	821 01	2166 10	870 58	3979 11
Rent of rock crusher	.....	.....	.....	.....	.....	.....	.....	.....	.....	312 00	.....	.....	312 00
Electric supplies	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	439 44	439 44
Sulphate of iron and lime	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1269 84	1269 84
	$1555 32	$2284 73	$3203 10	$2614 98	$3186 15	$2708 91	$3696 68	$3017 41	$3591 73	$52224 83	$10502 02	$9114 35	$50700 21

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STREET SERVICE DEPARTMENT—"D" 16.

	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total.
Pay Roll	$8985 10	$8999 98	$8391 35	$9436 99	$9438 96	$8875 29	$10100 39	$9673 10	$9641 98	$9519 18	$9245 55	$9857 00	$11265 67
Horses, keep of horses, etc.	383 64	291 51	358 45	292 67	434 20	290 70	170 35	303 13	488 61	837 03	407 26	239 69	4497 24
Wagons, harness and repairs	59 80	22 10	33 45	133 50	5 05	225 75	166 65	35 85	79 60	71 00	19 55	90 85	943 15
Tools and repairs	59 53	87 14	9 87	121 70	59 65	78 35	4 50	103 39	40	119 90	30 40	69 53	744 36
Hemp packing				225 85		5 33					10 20	101 24	342 62
Rubber valves, packing, gaskets, etc.				18 16				245 00					263 16
Oil	13 26		10 63		9 38	40 65	1 10	18 41	20 60	9 30	42 17	6 76	172 26
Pig lead		925 51				1659 11							2584 62
Coal and wood		25 56	38 90					43 82	84 37				192 65
Office and yard supplies and repairs	26 45	35 73	39 23	42 11	23 86	26 56	53 94	40 48	213 78	128 34	194 07	31 35	855 80
Rent of telephones		25 00		15 00	25 00		23 67	35 40	56 20	10 40	36 58	41 80	269 05
Street car tickets	40 00	20 00	40 00	60 00	20 00	20 00	40 00	20 00	20 00	20 00	20 00	20 00	340 00
Valves and repairs	1 90	40		36 00					45 40		77 71		161 41
Fire plugs and repairs	15 56	46 69		23 71	27 20	5 63	15 30		21 21	5 23		5 33	165 86
Water pipes, special castings								243 21					243 21
Bricks and lumber for boxes	308 26		347 93	715 50	447 70	865 04	1542 02	1924 05	360 00	1147 00		192 00	7848 50
Materials, etc., for maintenance	93 52	67 15	28 12	464 02	124 62	297 78	36 65	48 23	54 30	237 93	216 67	387 26	2056 25
New pipe yard	6 00		10 50				271 38			94 00			381 88
Dedication parade expenses	300 00	165 52											465 52
Office, Minnesota and Osage st									90 61	57 01	17 49		165 11
Stable, No. 2327 Walnut St									220 50	286 62	12 30		519 42
	$10293 02	$10712 19	$9308 43	$11585 21	$10615 62	$12390 18	$12424 95	$12734 07	$11397 56	$12542 94	$10829 95	$11043 71	$135377 83

Materials, labor and hauling doing private work	$25452 87	
Labor employed making shut-offs, and condemned property sold	678 95	$26131 82
		$109246 01

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INSPECTION—"D" 17.

	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total.
Pay Roll	$1412 00	$1366 00	$1145 50	$1280 77	$1275 81	$1309 50	$1234 21	$1310 00	$1291 52	$1299 50	$1288 00	$1334 00	$15546 81
Car tickets	20 00	20 00	20 00	20 00	20 00	20 00	40 00	20 00	20 00	20 00	40 00	20 00	280 00
Rent of clock	.....	3 00	.....	3 00	.....	.....	3 00	.....	.....	3 00	.....	.....	12 00
Office supplies	6 15	6 00	30	24 15	6 50	24 90	5 50	37 90	8 00	1 50	3 00	.....	123 90
	$1438 15	$1395 00	$1165 80	$1327 92	$1302 31	$1354 40	$1282 71	$1367 90	$1319 52	$1324 00	$1331 00	$1354 00	$16962 71

STORAGE RESERVOIR—"D" 18.

	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total.
Pay Roll	$842 23	$927 86	$975 20	$938 00	$960 47	$958 11	$1007 11	$800 25	$819 24	$827 00	$804 62	$986 23	$10846 32
Trees, flowers, seeds, etc	63 75	.....	.....	.....	.....	.....	.....	6 00	.....	.....	.....	124 50	194 25
Tools and repairs	105 40	45 95	2 90	5 52	.....	40	.....	90	.....	.....	2 00	2 40	165 47
Supplies	.....	22 15	.....	.....	2 45	.....	.....	26 87	29 11	.....	10 70	2 00	93 28
Repairing basins, gate house, etc	566 20	1213 94	12 00	2231 75	3 19	.....	85 68	48 78	.....	.....	.....	747 11	4908 65
	$1577 58	$2209 90	$990 10	$3175 27	$966 11	$958 51	$1092 79	$882 80	$848 35	$827 00	$817 32	$1862 24	$16207 97

ELECTRIC PLANT AND RAILWAY—"D" 19.

	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total.
Pay Roll	$661 25	$656 75	$660 25	$618 00	$648 65	$658 00	$753 50	$669 20	$643 13	$682 61	$795 00	$898 00	$8344 34
Stationery and printing	.....	.....	15 25	.....	.....	.....	.....	.....	.....	.....	.....	.....	15 25
Repairing machinery	1 25	.....	.....	.99	.....	2 45	.....	52 28	17 30	55 34	224 84	.....	354 45
Tools and repairs	.....	.....	.....	19 30	2 50	4 75	.....	.....	13 74	.....	.....	.....	40 29
Electric supplies	.....	.....	8 50	.76	30 05	31 21	85 50	31 82	54 85	.....	306 93	117 84	667 46
Oils, grease, etc	.....	.....	.....	.....	.....	.....	.....	.....	7 78	.....	.....	.....	7 78
	$662 50	$656 75	$684 00	$639 05	$681 20	$696 41	$839 00	$753 30	$736 80	$737 95	$1326 77	$1015 84	$9429 57

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WATER WORKS EXTENSION, SALARIES AND EXPENSES—"D" 20.

	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total.
Pay Roll	$1851 50	$1800 27	$1267 00	$1160 50	$1268 00	$1245 00	$1182 50	$1188 00	$1190 00	$1226 50	$1211 00	$1185 15	$15775 42
Stationery and printing	1 55	87 85	6 75	7 85	93 50	58 16	1 00	23 15	39 06	3 90	62 05	72 40	407 22
Drawing materials	.....	.....	.....	.....	.....	10 32	.....	3 57	9 43	6 12	.....	42 80	72 24
Surveying instruments	.....	.....	2 64	3 25	.....	19 00	17 11	.....	18 50	.....	.....	6 60	67 10
Transportation	25 00	25 00	111 00	52 67	74 50	50 50	57 50	48 30	27 50	23 15	58 13	35 00	588 25
Inspection	202 02	109 80	43 90	15 00	65	136 15	7 50	39 15	7 50	152 85	7 50	136 67	858 59
Office furniture, repairs, etc.	7 59	43 26	21 19	19 32	237 06	199 75	108 84	87 18	119 80	57 66	11 97	16 85	930 47
Rent of telephones	.....	35	.....	.....	.....	.....	68 50	.....	.....	31 00	.....	31 00	130 85
Sewer connection	.....	.....	.....	.....	.....	.....	.....	.....	27 43	.....	.....	.....	27 43
	$2087 66	$2016 53	$1452 43	$1258 59	$1673 71	$1718 88	$1442 95	$1389 35	$1439 22	$1501 18	$1350 65	$1526 37	$18857 57
Old horse, brick grinding and cement machine sold													75 30
													$18782 27

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ANNUAL REPORT

—OF THE—

Sewer Commissioner

FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

OFFICE OF SEWER COMMISSIONER.

St. Louis, May 6th, 1904.

Honorable Board of Public Improvements:

Gentlemen—I herewith submit a statement of the work done by the Sewer Department during the past fiscal year, and also a table showing the work done during each of the last six years.

Under the new City Charter property may be assessed for a district sewer and for a number of joint district sewers, thereby causing a number of tax bills to be assessed against the property; the aggregate amount (of these tax bills) is no more than had the sewers been built under some system whereby only one tax bill is assessed.

The ordinances put the burden of making all house connections and reconnections upon the property holders, and not upon the city. In parts of the city where district sewers are being constructed it would be well to amend the ordinance by putting the burden on the city's district sewer contractor of reconnecting all legal existing house connections in public streets and alleys, as this will insure a speedy connection under the direct supervision of the Sewer Department and avoid numerous complications and disagreements between property holders and contractors. The central portion of the city is fairly well provided with sewers, but it is necessary to reconstruct some of the most important ones on account of their being too small, and others in order to place them deeper, so as to serve the large modern office buildings without resorting to pumps.

It is urgent that some very large sewers be constructed in the fast growing suburbs, viz.: In the west, the River des Peres sewer; in the north, Harlem Creek sewer and Gingrass Creek sewer; in the south (Carondelet), Glaise Creek sewer. The necessity for all the above sewers is elaborately set forth in former Commissioner Hermann's report of last year and the year before.

In the existing state of the city's finances no work on these sewers can be attempted.

Total cost of public sewers	$ 4,290,388 94	
Total cost of joint district sewers	443,617 29	
Total cost of district sewers	5,951,292 87	
Total cost of sewers		$10,685,299 10
Total cost of engineering, inspection, current expenses, and maintenance		$ 2,447,692 57
Total cost		$13,132,991 67

At the end of the present fiscal year there have been completed 977 sewer districts, draining 12,988 acres, about 20.3 square miles.

The following seven tables need little, if any, explanation.

Respectfully,

F. W. VALLIANT,
Sewer Commissioner.

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TABLE No. 1.

TOTAL EXPENDITURES FOR CONSTRUCTION OF SEWERS, AND FOR CURRENT AND MISCELLANEOUS EXPENSES, FOR THE FISCAL YEAR ENDING APRIL 11, 1904.

PUBLIC SEWERS.

Retained Percentage.			
1. New Sewer on North Second street, from Chambers street south to a point 240 feet south of Tyler street			$ 99 53
On Work Completed.			
2. Certain sewer inlets and connections, at various places, as described in Ordinance No. 20816			2,696 31
3. Certain sewer inlets and connections, at various places, as described in Ordinance No. 20923			3,103 98
4. Certain sewer inlets, at various places, as described in Ordinance No. 21107			807 41
5. Blackstone sewer, in Forest Park and in Union boulevard from River des Peres north to DeGiverville avenue, thence westwardly to a point 1070 feet east of De Baliviere avenue			141,338 75
"Emergency Work."			
6. Sewers in Hall street, North Market street and First street, advertised as Letting No. 7239			6,262 27
7. Four sewer inlets and appurtenances, advertised at Letting No. 7241			973 69
8. Eighteen sewer inlets and appurtenances, advertised as Letting No. 7431			804 65
Total amount			$156,086 59

CURRENT AND MISCELLANEOUS EXPENSES.

Engineering and supervision on public, joint district and district sewers, towit:			
1. Salaries of Commissioner et al	$ 21,283 42		
2. Salaries of Inspectors	26,009 37		
3. Supervision on private sewers	1,195 20		
		$ 48,487 99	
4. Office expenses, furniture, printing, stationery, transportation (car tickets) and sundries	$ 3,442 82		
5. Keeping horses and vehicles, shoeing, repairing harness and vehicles and replacing horses, harness and vehicles	842 35		
6. Repairs of sewers, inlets, manholes and appurtenances, including Mill Creek Sewer repairs. (Transfers on act. being deducted)	36,196 71		
7. Cleaning sewers, inlets and appurtenances, per pay rolls, removing dirt from sewers and inlets cleaned, per pay rolls of carts, tools and appliances used in cleaning and examining sewers and opening and closing sewers for cleaners	50,803 99		
		$91,285 87	
Total amount, "Sewers, salaries, current expenses and repairs"			$139,773 86
Total amount			$295,860 45
Total for joint district sewer construction, as assessed, see Table No. 3			$443,617 29
Total for district sewer construction, as assessed, see Table No. 2			384,705 10
Total amount			$1,124,182 84

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No. 2—DISTRICT SEWER WORK COMPLETED DURING THE PAST FISCAL YEAR.

Computation.	Name of Sewer District.	Size of Sewers.	Length in Feet.	Area in Acres.	Rate Assessed per 100 Sq. Feet to Nearest Mill.	Inlets.	Manholes.	Total Cost of Sewers as Assessed.
484	Rock Spring Sewer District No. 11	12-inch pipe	592	2.38	$ 1.358	1	3	$ 1.099.29
485	Ferry Street Sewer District No 26	12-inch pipe	224	1.56	1.629	3	2	570.96
486	Clarendon Avenue Sewer District No. 4	6½ feet diameter brick	1.325					
		6 feet diameter brick	3.180					
		5 feet diameter brick	1.524					
		4x5 feet brick	321					
		3½x4½ feet brick	298					
		2x3 feet brick	4.751					
		24-inch pipe	4.604					
		21-inch pipe	5.959					
		18-inch pipe	6.824					
		15-inch pipe	17.962	301.92				
		12-inch pipe	10.046		1.762	212	165	179.665.08
488	Rocky Branch Sewer District No. 10	2x3 feet brick	397					
		21-inch pipe	298					
		18-inch pipe	235	10.20				
		15-inch pipe	547		1.202	5	6	3.930.30
490	Fillmore Street Sewer District No. 2	7 feet diameter brick	1.084					
		6½ feet diameter brick	674					
		5 feet diameter brick	642					
		3½x4½ feet brick	1.048					
		3x4 feet brick	2.398					
		2½x3½ feet brick	2.865					
		2x3 feet brick	1.536					
		24-inch pipe	1.510					
		21-inch pipe	1.274					
		18-inch pipe	5.792					
		15-inch pipe	20.526	251.40				
		12-inch pipe	14.133		1.688	234	170	133.436.50
492	Ninth Street Sewer District No. 2	2½x3½ feet brick	633					
		2x3 feet brick	3.450					
		18-inch pipe	934	23.50				
		12-inch pipe	1.354		11.057	50	30	66.002.97
			118.940	590.96		505	376	$384.705.10
			22.527 Miles					

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No. 3—JOINT DISTRICT SEWER WORK COMPLETED DURING THE PAST FISCAL YEAR.

Name of Joint Sewer District.	Size of Sewers.	Length in Feet.	Number of Manholes.	Area in Acres.	Rate Assessed per 100 Sq. ft. to Nearest Mill.	Total Cost of Sewers as Assessed.
Arsenal Street Joint Sewer District	6½ ft. diam brick (in tunnel through rock)	2,389	5	700	$ 0.418	$87,222.66
Rock Spring Joint Sewer District	10x12 feet of brick and concrete	560	.....	.....	.....	.....
	10½ feet diameter brick	930	.....	.....	.....	.....
	10 feet diameter brick	302	.....	.....	.....	.....
	8 feet diameter brick	1,551	.....	.....	.....	.....
	7½ feet diameter brick	1,618	11	880	0.405	118,461.96
Tower Grove Joint Sewer District	12½x15 feet of brick and concrete	2,243	3	1,645	0.268	164,772.37
Blackstone Avenue Joint Sewer District	9 feet diameter brick	1,084	.....	.....	.....	.....
	8½ feet diameter brick	2,106	.....	.....	.....	.....
	24-inch pipe	559	5	506	0.402	73,170.30
		13,342 or 2.527 miles.	24	3,731	.....	$443,617.29

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No. 4—JOINT DISTRICT SEWER WORK AUTHORIZED BY ORDINANCE.

Name of Joint Sewer District.	Size of Sewers.	Length in Feet.	Number of Manholes.	Area in Acres.	Estimated Rate per 100 Square Feet	Estimated Cost of Sewers to be Assessed.
Manchester Road Joint Sewer District	9 feet diameter brick	2,200	.....	.....	.....	.....
	8 feet diameter brick	3,196	.....	.....	.....	.....
	7 feet diameter brick	265	.....	.....	.....	.....
	5½ feet diameter brick	1,648	.....	.....	.....	.....
	4x5 feet brick	1,270	20	750	$ 0.531	$150,000.00
		8,579 or 1.625 miles.	20	750	.....	$150,000.00

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No. 5.—DISTRICT SEWER WORK, AUTHORIZED BY ORDINANCE.

Name of Sewer District.	Area in Acres.	Estimated rate per 100 sq. ft.	Estimated cost of Sewers to be assessed.
Blackstone Avenue Sewer Dist. No. 1. (Remarks)—About 90% complete	384.00	$1 20	$162.204 62
Rock Spring Sewer Dist. No. 12. (Remarks)—About 80% complete	215.00	2 01	134.873 25
Rock Spring Sewer Dist. No. 14. (Remarks)—Contractor notified to begin	68.20	1 44	31.162 45
Rock Spring Sewer Dist. No. 15. (Remarks)—Contractor notified to begin	33.60	0 55	5.663 70
Hodiamont Avenue Sewer Dist. No. 3. (Remarks)—Advertised for Letting	28.00	1 65	15.200 00
Clarendon Avenue Sewer Dist. No. 6. (Remarks)—Advertised for Letting	20.00	1 21	7.600 00
Rock Spring Sewer Dist. No. 13. (Remarks)—Ready for Letting	253.00	1 80	140.000 00
Rocky Branch Sewer Dist. No. 11. (Remarks)—Ready for Letting	5.00	1 79	4.200 00
Fillmore Street Sewer Dist. No. 3. (Remarks)—Ready for Letting	17.00	2 32	13.000 00
Quincy Street Sewer Dist. No. 6. (Remarks)—Ready for Letting	9.20	2 35	6.960 00
Glaise Creek Sewer Dist. No. 1. (Remarks)—	53.50	2 07	37.700 00
Total amounts	1086.50	.....	$558.554 02

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No. 6.—PUBLIC SEWER WORK. AUTHORIZED BY ORDINANCE.

Name of Public Sewer, or Work.	Lenth in Feet.	Estimated cost to the City. (Appropriation.)	Remarks.
Reconstruction and enlargement of the Northwestern sewer, from O'Fallon st. and 20th st., east to a point in 22d st., about 475 feet north of Cass avenue.....	1785	$15,000 00	Contractor notified to begin.
Reconstruction and enlargement of the sewer on North Market street from Elliot ave., to Jefferson ave.....	875	3.000 00	Contractor notified to begin.
Gustine Avenue sewer, in Arsenal street, from Russell place eastwardly about 160 feet	160	1.200 00	About 50% complete
Certain new sewer inlets and connections, at various places, as described in Ordinance No. 21388.....	1165	3.000 00	Seventeen inlets, about 50% complete
Delmar Boulevard storm sewer, in Delmar boulevard from the Wabash Railroad Company's right of way westwardly about 190 feet.....	190	1.350 00	Contractor notified to begin.
Kossuth Avenue sewer, in Kossuth avenue, from Newstead avenue westwardly about 160 feet.....	160	500 00	Ready for Letting.
Gimblin Road sewer, in Gimblin road, from the Mississippi river westwardly to Broadway	3800	30.950 00	Ready for Letting.
Ninth Street sewer, in Ninth street, from a point between Olive and Locust streets, north to St. Charles street.....	414	7.000 00	To be let in the fall of 1904.
Total amounts	8049 or 1.524 miles	$62.000 00	

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No. 7.—LENGTH AND DIAMETER OF SEWERS BUILT UP TO APRIL, 1904.

Mean Diameter in Feet.		Length in feet Built during the Year.	Total length in Feet.
Stone Sewer	14x23⅛		82
" "	16x20		563
" "	15½x20		797
Stone and Brick Sewer	15x20		14947
" " "	15x18		3235
" " "	15		1297
" " "	13x16	840	840
" " "	12½x15	3044	8107
" " "	13		761
" " "	12		8748
" " "	10x12	560	560
" " "	10½ and 10		17936
" " "	9½ and 9		11537
Brick Sewer	10½ and 10	1307	1307
" "	9, 8½, 8¼ and 8	6831	41998
" "	7¾ and 7½	1618	13317
" "	7¼ and 7	1084	12505
" "	6½	4388	13478
" "	6¼ and 6	3180	31294
" "	5½		16410
" "	5¼ and 5	2166	16891
" "	4¾		9088
" "	4½	321	62450
" "	4	1346	53064
" "	3½ and 3¼	2398	70445
" "	3	3498	193780
" "	2½	10846	610780
" "	2¼		39871
" "	2		52206
" "	1¾		13176
" "	1½		4383
Clay Pipe Sewer	3		201
" " "	2½		13139
" " "	2¼		2647
" " "	2	6733	67116
" " "	1¾	7859	71042
" " "	1½	14392	230345
" " "	1¼	39787	571429
" " "	1	29491	571058
" " "	½		1390
Cement Pipe Sewer	2		618
" " "	1½		15610
" " "	1¼		22323
" " "	1		1230
Total amounts		141689	2898991

Sewers of Stone and Brick	69,410	feet equal	13.146 miles.
Sewers, all of Brick	1,261,443	feet equal	238.909 miles.
Pipe Sewers	1,568,138	feet equal	296.996 miles.
Public Sewers built last year	9,407	feet equal	1.782 miles.
Joint District Sewers built last year	13,342	feet equal	2.527 miles.
District Sewers built last year	118,940	feet equal	22.527 miles.
Total amount	141,689	feet equal	26.835 miles.
Public Sewers, to date, net	403,527	feet equal	76.426 miles.
Joint District Sewers, to date, net	13,342	feet equal	2.527 miles.
District Sewers, to date, net	2,482,122	feet equal	470.099 miles.
Total for all	2,898,991	feet equal	549.051 miles.
Note—District sewers completed, but the computations of work not certified to			13.004 miles.
			562.055 miles.
Sewer inlets in the city on public and district sewers			11,062

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SUMMARY OF WORK DONE BY THE SEWER DEPARTMENT DURING THE PAST SIX FISCAL YEARS.

Length, Cost, Enginering, Maintenance, Cleaning, etc.	Fiscal Year 1898-99.	Fiscal Year 1899-1900.	Fiscal Year 1900-01.	Fiscal Year 1901-02	Fiscal Year 1902-03.	Fiscal Year 1903-04.
Cost of public sewer work, sewers, sewer inlets, manholes and appurtenances, paid by the city	$ 2,902.48	$ 14,699.83	$ 47,153.49	$ 3,589.67	$ 11,426.54	$156,086.59
Cost of joint district sewer work, outlet sewers for two or more sewer districts; paid by the owners of the property in the joint sewer district; Charter Amendment adopted October 22, 1901						443,617.29
Cost of district sewer work; sewers, sewer inlets, manholes and appurtenances; paid by the owners of the property in the district	296,936.92		44,779.27	92,485.99	238,354.43	384,705.10
Number of miles of public sewers constructed	.083	0.833	0.387	0.059	1.202	1.782
Number of miles of district sewers constructed	30.016	0.000	7.744	8.286	17.054	22.527
Number of miles of joint district sewers constructed						2.527
Number of miles of stone and brick sewers 8′ to 2′x3′ and 13′x16′ to 2′x3′	4.119		0.387	1.851	3.122	8.225
Number of miles of pipe sewers 24″ to 12″	25.980	0.833	7.744	6.494	15.134	18.611
Total cost of sewer construction work during the year	$299,839.40	$14,699.83	$91,932.76	$96,075.66	$249,780.97	$984,408.98
Cost of engineering and supervision on public, joint district and district sewer work	29,582.39	26,106.24	29,025.18	30,725.65	40,410.56	47,292.79
Office expenses, horse keeping and miscellaneous	2,124.27	2,591.89	2,461.53	3,229.17	2,891.60	4,285.17
Repairs of sewers, inlets, manholes and appurtenances	69,762.00	62,314.64	35,989.99	27,501.80	42,190.61	36,196.71
Cost of cleaning sewers and inlets and removing dirt	24,708.98	31,239.25	31,442.54	36,026.45	47,077.81	50,803.99
Total number of miles of public joint district and district sewers, to be examined and cleaned	487.146	487.979	495.890	504.180	522.219	549.051
Total number of sewer inlets on same to be cleaned	9,484	9,539	9,748	9,954	10,433	11,062
Number of private sewers constructed, according to the plans approved by the Board of Public Improvements	35	34	46	69	85	80
Cost of inspection—paid by the owners of private sewers	$1,238.60	$945.50	$1,337.40	$711.00	$2,282.28	$1,195.20
Number of sewer connection permits issued	2,178	1,330	1,309	2,238	3,248	3,228

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ANNUAL REPORT

OF THE

Harbor and Wharf Commissioner

——FOR THE——

FISCAL YEAR ENDING APRIL 11, 1904.

Office of Harbor and Wharf Commissioner,

Saint Louis, April 12th, 1904.

To the Honorable Board of Public Improvements:

Gentlemen—I have the honor to submit the following report of the business transacted in the Harbor and Wharf Department for the fiscal year 1903-1904:

EXPENDITURES.

The following amounts have been certified to the Auditor on the respective appropriations.

HARBOR FUND.

HARBOR AND WHARF SALARIES AND CURRENT EXPENSES.

By Annual Appropriation, Ordinance No. 21171		$12.610 00
To pay roll, Commissioner and employes	$10.699 80	
To fuel		
To ice	11 59	
To surveying instruments, draughting material, etc	8 25	
To office expenses, furniture, etc	488 04	
To printing and stationery	301 29	
To horse and buggy and maintaining same	269 25	
To incidental expenses	769 26	
Total amount	$12.547 48	
To balance	62 52	
		$12.610 00

HARBOR BOAT.

By Annual Appropriation, Ordinance No. 21171		$12.600 00
By amount transferred from Street Cleaning, Floating Dumps for towing and dumping		2.500 00
		$15.100 00
To pay roll, Harbor Boat'crew	$6.454 84	
To pay roll, laborers	241 50	
To fuel	3.045 69	
To ice	45 65	
To hardware, tools, rope, etc	756 78	
To boat store, etc	347 68	
To repairs and painting	3.009 49	
To cleaning boilers	90 00	
To hose and couplings	80 20	
To incidental expenses	850 87	
Total amount	$14.932 70	
To balance	167 30	
		$15.100 00

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CLEANING LEVEE AND REMOVING OBSTRUCTIONS.

By Annual Appropriation, Ordinance No. 21171		$12,000 00
To pay roll, laborers	$ 7,712 16	
To divers, attendants, apparatus, etc	3,174 86	
To dynamite, powder, etc		
To hardware, tools, etc	12 85	
To hose couplings, patrol use		
To amount transferred to Harbor Boat	1,000 00	
Total amount	$11,899 87	
To balance	100 13	
		$12,000 00

REPAIRS OF DYKES, WHARF AND RIVER BANK.

By Annual Appropriation, Ordinance No. 21171		$33,000 00
To pay roll, overseers and field hands	$1,361 25	
To pay roll, laborers and cart		
To repairs of wharf (reconstruction) with new and old granite and limestone paving blocks, including grading, setting ringstones, furnishing macadam and renewal, sand, as well as extra labor employed setting plank and oak stakes to secure paving on river front, under annual agreement	8,659 05	
To fastening, links, rings, chains, shackels, etc	172 10	
To flag staff and flag	1 15	
To lumber for sewer and other repairs	113 76	
To sewer pipe and cement for repairs		
To rolling		
To top dressing		
To sewer repairs	4,000 00	
To incidental expenses	2,804 18	
Total amount	$17,111 49	
To balance	15,888 51	
		$33,000 00

MUNICIPAL REVENUE.

SCAVENGER DUMPS, SALARIES AND CURRENT EXPENSES.

By Annual Appropriation, Ordinance No. 21171		$6,900 00
To pay roll, superintendent and watchmen	$6,377 38	
To pay roll, laborers		
To fuel	64 21	
To ice	12 74	
To hardware tools, rope, etc	119 20	
To lamps, oils, repairs, etc	119 32	
To printing and stationery		
To painting, etc	48 75	
To incidental expenses	75	
Total amount	$6,742 35	
To balance	157 65	
		$6,900 00

SCAVENGER DUMPS, CONSTRUCTION AND REPAIRS.

By Annual Appropriation, Ordinance No. 21171		$3,000 00
To general expenses, respective dump boats	$ 50 30	
To Northern dump, foot of Clinton street—labor and repairs	740 91	
To Central dump, foot of Mullanphy street—labor and repairs	2,204 51	
To Barton street dump, foot of Barton street—labor and repairs		
To Southern dump, foot of Stein street—labor and repairs		
Total amount	$2,995 72	
To balance	4 28	
		$3,000 00

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STREET CLEANING—FLOATING DUMPS.

By annual Appropriation, Ordinance No. 21171		$11,400 00
By amount transferred from cleaning levee and removing obstructions		1,000 00
To pay roll, watchmen	$ 5,374 70	
To pay roll, laborers	1,254 00	
To fuel	27 81	
To ice	26 29	
To hardware, tools, rope, etc	175 30	
To lamps, oils, repairs of tools, etc	56 35	
To printing and stationery		
To repairs and painting	2,802 79	
To amount transferred to harbor boat for towing and dumping	2,500 00	
To incidental expenses	22 50	
Total amount	$12,239 74	
To balance	160 26	
		$12,400 00

HARBOR FUND—SPECIAL.

(Carondelet Survey)

By Annual Appropriation, Ordinance No. 21171		$500 00
To pay roll, fieldhands	$466 00	
To monument stones	13 55	
Total amount	$479 55	
To balance	20 45	
		$500 00

RECAPITULATION.

APPROPRIATIONS

Annual appropriation for the Harbor and Wharf Department, Ordinance No. 21,171.

Harbor and Wharf salaries and current expenses	$12,610 00
Harbor Boat	12,600 00
Cleaning levee and removing obstructions	12,000 00
Repairs of dykes, wharf and river banks	33,000 00
Amount transferred from street cleaning, floating dumps to Harbor Boat for towing and dumping	2,500 00
Harbor and Wharf special fund, Carondelet survey	500 00
Total amount	73,210 00

MUNICIPAL REVENUE.

Scavenger dumps, salaries and current expenses	$ 6,900 00	
Scavenger dumps, constructions and repairs	3,000 00	
Street cleaning, floating dumps	11,400 00	
Amount transferred from cleaning levee and removing obstructions to street cleaning, floating dumps	1,000 00	
Total amount		$22,300 00
Total Appropriation from Harbor fund	$73,210 00	
Grand total annual appropriation		73,210 00
Total appropriation from municipal revenue	22,300 00	
Grand total annual appropriation		22,300 00
Grand total appropriation from Harbor fund and municipal revenue		$95,510 00

EXPENDITURES.

HARBOR ACCOUNT.

Harbor and Wharf, salaries and current expenses	$12,547 48	
Harbor Boat	14,932 70	
Cleaning levee and removing obstructions	11,899 87	
Repairs of dykes, wharf and river banks	17,111 49	
Carondelet Survey	479 55	
Total expenditures, harbor account		$56,971 09

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MUNICIPAL ACCOUNT.

Scavenger dumps, salaries and current expenses	$6,742 35	
Scavenger dumps, construction and repairs	2,995 72	
Street cleaning, floating dumps	12,239 74	
Total amount		$21,977 81
Grand total expenditure, harbor and municipal accounts		78,948 90

UNEXPENDED BALANCES RETURNED TO HARBOR FUND UNDER ANNUAL APPROPRIATION, ORDINANCE No. 21171.

Harbor and wharf salaries and current expenses	$ 62 52	
Harbor boat	167 30	
Cleaning levee and removing obstructions	100 13	
Repairs of dykes, wharf and river bank	15,888 51	
Carondelet survey	20 45	
Total		$16,238 91

UNEXPENDED BALANCES RETURNED TO MUNICIPAL REVENUE UNDER ANNUAL APPROPRIATION, ORDINANCE No. 21171.

Scavenger dumps, salaries and current expenses	$157 65	
Scavenger dumps, constructions and repairs	4 28	
Street cleaning, floating dumps	160 26	
Total		$322 19
Grand total unexpended balances returned to Harbor and Municipal Revenue Accounts		$16,561 10

SUMMARY.

HARBOR FUND.

Grand total annual appropriation, Ordinance No. 21171		$73,210 00
Grand total expenditure	$56,971 09	
Grand total unexpended balance	16,238 91	
		$73,210 00

MUNICIPAL REVENUE.

Grand total appropriation, Ordinance No. 21171		$22,300 00
Grand total expenditure	$21,977 81	
Grand total unexpended balance returned	322 19	
		$22,300 00

Statement of the amount of Wharfage, License and Miscellaneous Bills issued by the Harbor and Wharf Department and placed in the hands of the City Collector during the fiscal year 1903-1904.

WHARFAGE BILLS.

Steamboat trip bills	$ 4,109 08	
Excursion trip bills	2,241 16	
Packet license, monthly bills	5,184 72	
Lumber	241 13	
Wood	71 62	
Skids	27 00	
		$11,874 71

MISCELLANEOUS BILLS.

LICENSES.

Ferries	$ 6,350 00	
Sand barges	1,024 00	
		$ 7,374 00

RENTALS.

Wharf boats	$ 3,245 62	
Sand Landings	1,800 00	
Railway companies	43,531 36	
Elevators	2,930 00	
Cotton Compress companies	1,003 69	
Lumber companies	7,281 24	
Rowing clubs	245 00	
Hire of Harbor Boat	27 85	
Miscellaneous, handling and storing merchandise	9,269 20	
		$69,333 96
Total		$88,582 67

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CREDITS TO HARBOR FUND.

By unexpended balance April 13th, 1903		$50.098 86
By City Collector, collections of wharfage and rent, gross	$85.524 62	
Less commissions	2.696 65	
Net collections		$82.827 97
By unexpended balance returned to harbor fund		16.238 91
By sale of old junk during the fiscal year 1903-1904		140 31
To annual appropriation during the fiscal year 1903-1904	70.710 00	
To balance credit of harbor fund at the close of the fiscal year 1903-1904	78.596 05	
	$149.306 05	149.306 05

REPAIRS AND RECONSTRUCTION OF WHARF.

The following table represents the area of pavement which has been laid during the fiscal year 1903-1904:

	Squares.	Squares.
New Granite Paving (reconstructed)	323 77	
Old Granite Paving (reset)	234 05	
Old Limestone Paving (reset)		
Total amount of paving laid or reset		557 82
The area paved with granite blocks by the Harbor and Wharf Department at the close of the fiscal year 1902-1903	13.870 47	
The area paved with granite during the fiscal year 1903-1904	323 77	
Total area paved with granite by the Harbor and Wharf Department to date		14.194 24
The area paved with granite by the railroad companies at the close of the fiscal year 1902-1903	1.157 86	
The area paved with granite during the fiscal year 1903-1904		
Total area paved with granite by the railroad companies to date		1.157 86
Grand total area paved with granite to date		15.352 10

HARBOR BOAT.

The past fiscal year has been a very busy one for the Steamer "Mark Twain." Especially during the month of June. On the morning of Monday, June 8th, 1903, an emergency order was received at the Levee office, foot of Market street at 5:30 a. m., to proceed to Granite City, Venice, Brooklyn and Madison to save lives. The water on that day was 37.2 feet on the gauge. As soon as the crew arrived the boat was taken to the foot of Gratiot street, where they took on all the coal they possibly could. The boat then went up to Elm street, took the steamer "Annie Russell" in tow and then proceeded to Venice, Illinois, where they took on one hundred and ninety flood sufferers; all these flood sufferers were brought to St. Louis. The next morning at 7:30 a. m. the boat left for Granite City and brought back safely to St. Louis six hundred and twenty people. The next day two hundred and twenty-nine people were brought to St. Louis, and on Thursday and Friday, June 11th and 12th, three hundred and seventy-nine people were brought back. Saturday, June 13th, the boat brought back ninety-nine flood sufferers, this being all who desired to leave their homes. After this for about one week the entire time was spent in distributing food, contributed by the Merchants' Exchange Relief Committee, to those people living at Granite City, Madison, Venice and Brooklyn who would not leave their homes. This Department was complimented by the Relief Committee of the Merchants' Exchange for the excellent service rendered by the Harbor Boat "Mark Twain" in rescuing one thousand five hundred and seventeen lives and also for the manner in which this number of people were fed on board the boat.

After the flood was over it became the duty of the employes of the "Mark Twain" to clear the levee of the sediment, and in less than a week the improved wharf from Biddle street to Chouteau avenue was thoroughly scrubbed.

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Before the close of the fiscal year the Harbor Boat needed some repairs in the cabin and wheel houses, which repairs were made. The machinery was overhauled and is now in first-class condition. The wheels on the Harbor Boat were too deep in the water and it was thought advisable to shorten the wheel arms. Instead of seventeen revolutions per minute we now have twenty-three revolutions a minute, which increases the speed of the boat.

The World's Fair season coming on, after repairs were made the entire boat was given two coats of paint. The boat now is in first-class condition and is now practically a new boat.

CLEANING LEVEE AND REMOVING OBSTRUCTIONS.

Keeping the levee clean and free from river deposit was continued by the old system of washing and removing in a semi-liquid state. From past experiences this method has been found to be less expensive and more expedient than using carts and hauling the refuse away.

SCAVENGER DUMPS.

This Department has kept in service during the past year three scavenger floating dumps. One is stationed at the foot of Mullanphy street, another at the foot of Barton street and one at the foot of Gratiot street. The stationary dump is maintained at the foot of Stein street. All of these dumps, during the open river, offer convenient dumping places for stable manure and light refuse from factories. The floating dump boats are placed at the central wharf during the winter months for the use of the Street Department for the removing and dumping of snow. This gives the Street Department the advantage of a short haul and rapid service and the less expense to the city.

Following are the number of wagon hauls of manure, store sweepings, etc., dumped from these boats during the past fiscal year. All of the scavenger boats are in first-class condition excepting the Chouteau avenue boat. This boat will have to be dumped and repaired during the coming summer months.

Mullanphy street	68,156 loads.
Barton street	30,469 loads.
Chouteau avenue	44,651 loads.
Stein street	2,025 loads.
Total	145,301 loads.

STREET CLEANING FLOATING DUMPS.

During the past year three street cleaning floating dump boats, with their respective landing boats, were maintained by this Department. One was located at Lucas avenue, one at North Market street. These boats rendered valuable service to the Street Department in the removing of street sweepings.

All the boats are in first-class condition, the Gratiot street boat having been docked and repaired during the past year. Following are the number of loads of street sweepings dumped from the respective landings during the year:

Lucas avenue	14,708 loads.
Gratiot street	7,533 loads.
North Market street	2,772 loads.
Total	25,013 loads.

REVENUE.

1902-1903.	1903	1904.	Loss.	Gain.
Miscellaneous bills	$75,224 64	$76,734 96	.....	$1,510 32
Lumber bills	122 87	241 13	.....	118 26
Wood bills	80 45	71 62	$ 8 83	.....
Packet license bills	5,388 14	5,184 72	203 42	.....
Steamboat bills	7,415 46	6,350 24	1,065 22	.....
	$88,231 56	$88,582 67	$1,277 47	$1,628 58

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$88,582.67 represents the amount of bills issued during the fiscal year. Of this amount $85,524.62 was collected, leaving a balance of $3,058.05, most of which will be collected this year.

A comparative statement of the amount of bills issued this year with those of the previous year is presented in the above table.

GENERAL REMARKS.

By referring to statement No. 10, it will be found that the river attained its highest stage on June 11th, 1903, when the gauge, which is located on the wharf immediately south of Market street and opposite No. 4 South Wharf, registered 37.95. The lowest stage of the river was on December 18th, 1903, when the gauge registered .60 below zero mark, which mark is 33.81 feet below the curb at Market street and Levee.

A WORD OF THANKS.

The Department desires to acknowledge its many thanks to Mr. R. J. Hyatt, Local Forecast Official, for his kindness in supplying both this and the Levee office, foot of Market street, with the Official Weather Map, delivered in our offices during the past fiscal year.

I desire to thank Chief Chas. E. Swingley for the services rendered by him and his men in assisting this Department in cleaning the Levee after the flood of last June.

I desire also to acknowledge my obligations to the other officers and employes, who have assisted by their faithful work to promote the interests of this Department.

The following tabulated statements will be found in an appendix to this report:

No. 1. Statement of the Packet Companies and boats operated by them, doing business at Saint Louis during the fiscal year 1903-1904.

No. 2. Statement of the number of Steamboats, Barges and Scows arriving at Saint Louis during the year ending December 31st, 1903, including names, tonnage and trips made by each.

No. 3. Statement showing condition of annual agreements, authorized by annual appropriation during the fiscal year 1903-1904.

No. 4. Statement of the number of Steamboats and Barges and tonnage of same which arrived at Saint Louis during the fiscal year 1903-1904.

No. 5. Statement of the amount of lumber, shingles, lath, pickets and logs which arrived at Saint Louis by river during the fiscal year 1903-1904.

No. 6. Statement of the amount of firewood received at Saint Louis by river and the amount of wharfage charged during the fiscal year 1903-1904.

No. 7. Statement of wharf privileges granted under special ordinances, yielding revenue to the City of Saint Louis and in force at the close of the fiscal year 1903-1904.

No. 8. Statement of wharf privileges granted under authority of Section 402 of the Municipal Code of Saint Louis, approved April 3rd, 1900, and yielding revenue to the City of Saint Louis and in force at the close of the fiscal year 1903-1904, subject to cancellation at the option of the Harbor and Wharf Commissioner.

No. 9. Statement of wharf privileges granted under special ordinances, yielding no revenue to the City of Saint Louis and in force at the close of the fiscal year 1903-1904.

No. 10. Statement presenting the daily gauge readings of the Mississippi River at Saint Louis during the fiscal year 1903-1904.

Respectfully submitted,

JOS. P. WHYTE,

Harbor and Wharf Commissioner.

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TABLE No. 1.—STATEMENT OF PACKET COMPANIES AND BOATS OPERATED BY SAME, DOING BUSINESS AT ST. LOUIS DURING THE FISCAL YEAR 1903-1904.

Name.	Name of Boat.	Trade.	Trips per Week.
Diamond Jo Line	St. Paul	St. Paul	1
Diamond Jo Line	Quincy	St. Paul	1
Diamond Jo Line	Dubuque	Burlington	1
Diamond Jo Line	Dubuque	Keokuk	1
Eagle Packet Co	Cape Girardeau	Commerce	2
Eagle Packet Co	Bald Eagle	Peoria	2
Eagle Packet Co	Spread Eagle	Grafton	6
Lee Line	Stacker Lee	Memphis	1
Lee Line	Ferd Herold	Memphis	1
St. L. & Tenn. River Packet Co	City of Savannah	Tennessee River	1
St. L. & Tenn. River Packet Co	City of Memphis	Tennessee River	1
St L., Ste. G. & Chester Packet Co	Chester	Cape Girardeau	3
Columbia Packet Co	Columbia	Chester	3
St. Louis & Calhoun Packet Co	Belle of Calhoun	Hamburg	2

STEAMBOATS.

Statement of the number of Steamboats and Barges arrived at St. Louis during the year 1903, and tonnage of same:

Name.	Trips.	Tons.
Annie Russell	13	121
American	1	300
Alert	1	
Arkansas U. S.	1	
Argand	1	
Augusta	1	
Belle of Calhoun	64	284
Bald Eagle	94	340
Beaver	6	314
Buck Elk	1	58
Bemice	1	
Barrett	3	
Boedeker	1	
City of Providence	202	747
C. H. Spencer	180	854
Chester	113	354
City of Savannah	19	293
City of Memphis	20	322
Cape Girardeau	72	422
City of St. Joseph	3	207
Conveyor	1	121
Doephin 3	18	226
Dubuque	14	493
Dewey	1	
Eva Alma	5	48
Exporter	26	350
Erema	1	
Enos Taylor	1	
Export	1	
Longfellow	1	94
Lulu E. Warren	1	79
Lily	10	
Lora	1	
Littie Clyde	2	78
L. E. Patton	1	
Little Rufus	1	134
Mississippi	2	
Mary Hill	2	72
Mary	3	50
Mars	9	
New Haven	27	55
Night Hawk	1	
Nick Sauer	1	99
Osage	1	98
Oleander	1	
Peters Lee	26	334
Polar Wave	8	150
Patrol	4	
Peter Houtz	1	
Quincy	15	539

Name.	Trips.	Tons.
Russell Lord	13	186
R. E. Carr	1	16
Rees Lee	17	334
Rosalie	2	
Roxana	1	64
Reynard	1	
Spread Eagle	253	379
Stacker Lee	36	519
S. H H. Clark	9	417
Sidney	52	385
Sabina	1	
Fred Nellis	2	76
F. Weyerhauser	5	136
Fred Hartweg	8	247
Florence	1	
Fortuna	1	
Grey Eagle	41	381
Genl. T. L. Casey	4	
Georgia Lee	2	346
Genl. Abbott	3	
H. M. Hoxie	7	353
Hy. Lourey	11	343
H. G. Wright	9	
Hill City	2	854
Harry Brown	6	306
Harry Reid	3	58
Hiawatha	1	170
H. C. Brockman	2	50
India Givens	17	194
Illinois	2	80
Josie	19	161
Jacob Richtman	10	202
Jno. M. Macomb	1	
Jno. B McPherson	2	
J. M. Richtman	11	142
J. S.	6	236
John Barrett	2	141
Jno. F. May	2	
Kennedy	10	89
Lotus Sims	21	392
Satellite	3	60
Sao Salvador	1	96
St. Paul	1	603
Sprague	1	978
Siwah	1	
Vivian	3	85
W. H. Grapevine	12	118
Wm. R. King	5	
Washington	1	100
Wanderer	2	82

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BARGES.

Name.	Trips.	Tons.
Alice	3	479
Arkansas City	3	747
Adelaide	3	196
Alma Barrett	2	532
Buck Leghe	1	196
Big Try	1	
C. G. T. Co., 18	6	415
C. G. T. Co., 19	5	415
C. G. T. Co., 20	2	415
Dolomite	6	172
Dolly Barrett	2	341
Dorothy Barrett	3	504
Florida	1	516
Fannie	4	181
Gaetner, 7	1	
Gaetner, 8	1	
Ione	4	479
Idler	2	100
Idaho	1	322
Jap	1	408
Johnston Barrett	1	504
Jane	2	479
Josie	2	198
John Barrett	1	306
J. Painter	•1	233
Lily	9	317
Mississippi	1	225
Mamie Barrett	3	521
Marx Morse	1	648
Marie Barrett	3	454
Maryland	1	447
Missouri	1	253
St. L. Miss. V. T. Co., 65..	2	397
St. L. Miss. V. T. Co., 82..	2	416
St. L. Miss. V. T. Co. 67..	4	377
St. L. Miss. V. T. Co., 79..	3	428
St. L. Miss V. T. Co., 80..	3	429
St. L. Miss. V. T. Co., 101..	4	310
St. L. Miss. V. T. Co, 102..	3	310
St. L. Miss. V. T. Co., 30..	3	469
St. L. Miss. V. T. Co., 32..	3	475
St. L. Miss. V. T. Co., 70..	2	403
St. L. Miss. V. T. Co, 103..	3	310
St. L. Miss. V. T. Co., 36..	1	461
St. L. Miss. V. T. Co., 38..	1	490
St. L. Miss. V. T. Co., 58..	2	488
Thornwell Fay	1	474
Tennessee	1	328
Victor	6	233
New Jersey	1	374
Napoleon	1	451
Norman	1	
Ostrich	8	243
O. F. Barrett	5	504
Penguin	1	223
Pelican	9	266
Pearl	1	
Petrel	8	239
Pacific	1	421
Rosa Lee	4	407
Rambler	1	
Slack Barrett	3	238
Swan	9	243
Santa Maria	8	353
Stella Barrett	2	377
St. L. & Miss. V. T. Co....	4	407
St. L. & Miss. V. T. Co....	5	400
St. L. & Miss. V. T. Co....	3	310
St. L. & Miss. V. T. Co....	3	488
St. L. & Miss. V. T. Co....	4	347
St. L. & Miss. V. T. Co....	4	409
St. L. & Miss. V. T. Co....	3	409
St. L. & Miss. V. T. Co....	4	545
St. L. & Miss. V. T. Co....	1	383
St. L. & Miss. V. T. Co....	4	410
St. L. & Miss. V. T. Co....	4	446
St. L. & Miss. V. T. Co....	3	473
St. L. & Miss. V. T. Co....	3	408
St L. & Miss. V. T. Co....	3	535
St. L. & Miss. V. T. Co....	3	523
St. L. & Miss. V. T. Co....	2	347

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SCOWS.

Name.	Trips.	Tons.
A. & L. T. Co., 21	1	250
A. & L. T. Co., 69	3	250
A. & L. T. Co., 61	1	250
A. & L. T. Co., 74	1	250
A. & L. T. Co., 19	1	250
A. & L. T. Co., 52	2	250
A. & L. T. Co., 57	2	250
A. & L. T. Co., 58	5	250
A. & L. T. Co., 19	1	250
A. & L. T. Co., 35	1	250
A. & L. T. Co., 42	1	250
A. & L. T. Co., 50	1	250
A. & L. T. Co., 55	3	250
A. & L. T. Co., 41	2	250
A. & L. T. Co., 59	3	250
A. & L. T. Co., 70	3	250
A. & L. T. Co., 66	1	250
A. & L. T. Co., 77	1	250
A. & L. T. Co., 25	1	250
A. & L. T. Co., 67	2	250
A. & L. T. Co., 14	1	250
A. & L. T. Co., 64	1	250
A. & L. T. Co., 68	1	250
Barrett, 5	1	263
Barrett, 64	1	263
Barrett, 44	1	263
Barrett, 85	1	263
Barrett, 21	1	263
Bemice	1	
Chamberlain	1	447
Clown	1	172
Dawn	1	172
Dot	1	172
Eisenbarth & Henderson	1	
Herman	1	
Illinois	1	
Mascot	3	67
Mary, 1	1	12
Mary, 2	1	50
Nellis, 1	1	
N. U. S. Co., 8	1	
N. U. S. Co., 9	1	
N. U. S. Co., 10	2	
New Sensation	2	116
Nick Sauer	1	132
Richtman	5	70
Richtman, 52	3	70
Reaper	1	
Richtman J. M.	2	100
R. C. Co., 4613	1	172
R. C. Co., 4116	1	172
R. C. Co., 4227	1	172
R. C. Co., 3991	1	172
R. C. Co., 4611	1	172
R. C. Co., 4126	1	172
R. C. Co., 4526	1	172
R. C. Co., 4321	1	172
R. C. Co., 4459	1	172
R. C. Co., 4103	1	172
R. C. Co., 4157	1	172
R. C. Co., 4123	1	172
R. C. Co., 4524	1	172
R. C. Co., 4129	1	172
R. C. Co., 4530	1	172
R. C. Co., 4395	1	172
R. C. Co., 4158	1	172
R. C. Co., 3904	1	172
R. C. Co., 4357	1	172
R. C. Co., 4498	1	172
R. C. Co., 4084	1	172
R. C. Co., 4239	1	172
R. C. Co., 4504	1	172
R. C. Co., 4415	1	172
R. C. Co., 4399	1	172
R. C. Co., 4490	1	172
R. C. Co., 4507	1	172
R. C. Co., 4380	1	172
R. C. Co., 4478	1	172
R. C. Co., 4257	1	172
R. C. Co., 4357	1	172
R. C. Co., 4505	1	172
R. C. Co., 4462	1	172
R. C. Co., 4211	1	172
R. C. Co., 4253	1	172
R. C. Co., 4368	1	172
R. C. Co., 4456	1	172
R. C. Co., 4089	1	172
R. C. Co., 4432	1	172
R. C. Co., 4244	1	172
R. C. Co., 4395	1	172
R. C. Co., 4252	1	172
R. C. Co., 4604	1	172
R. C. Co., 3743	1	172
R. C. Co., 4200	1	172
R. C. Co., 4377	1	172
R. C. Co., 3927	1	172
R. C. Co., 4235	1	172
R. C. Co., 4304	1	172
R. C. Co., 4374	1	172
R. C. Co., 4130	1	172
R. C. Co., 4612	1	172
R. C. Co., 4505	1	172
R. C. Co., 4377	1	172
R. C. Co., 4359	1	172
R. C. Co., 4465	1	172
R. C. Co., 4519	1	172
R. C. Co., 4522	1	172
R. C. Co., 4006	1	172
R. C. Co., 4602	1	172
R. C. Co., 4316	1	172
R. C. Co., 3814	1	172
R. C. Co., 3709	1	172
R. C. Co., 4375	1	172
R. C. Co., 3403	1	172
R. C. Co., 4408	1	172
R. C. Co., 4314	1	172
R. C. Co., 4219	1	172
R. C. Co., 3667	1	172
R. C. Co., 4480	1	172
R. C. Co., 4254	1	172
R. C. Co., 4191	1	172
R. C. Co., 3819	1	172
R. C. Co., 4402	1	172
R. C. Co., 4043	1	172
R. C. Co., 4496	1	172
R. C. Co., 4277	1	172
R. C. Co., 4228	1	172
R. C. Co., 8919	1	172
R. C. Co., 4509	1	172
R. C. Co., 4111	1	172
R. C. Co., 4189	1	172
R. C. Co., 4140	1	172
R. C. Co., 3966	1	172
R. C. Co., 3801	1	172
R. C. Co., 4216	1	172
R. C. Co., 4551	1	172
R. C. Co., 4536	1	172
R. C. Co., 4553	1	172
R. C. Co., 4163	1	172
R. C. Co., 4251	1	172
R. C. Co., 4325	1	172
R. C. Co., 4401	1	172
R. C. Co., 4201	1	172
R. C. Co., 4568	1	172
R. C. Co., 4383	1	172
R. C. Co., 4306	1	172
R. C. Co., 4542	1	172
R. C. Co., 4411	1	172
R. C. Co., 3509	1	172
R. C. Co., 4423	1	172
R. C. Co., 4481	1	172
R. C. Co., 4585	1	172
R. C. Co., 4494	1	172
R. C. Co., 4455	1	172
R. C. Co., 4209	1	172
R. C. Co., 4453	1	172
R. C. Co., 3873	1	172
R. C. Co., 4135	1	172
R. C. Co., 4460	1	172
R. C. Co., 4082	1	172
R. C. Co., 4070	1	172
R. C. Co., 3897	1	172
R. C. Co., 4196	1	172

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SCOWS—Continued.

Name.	Trips.	Tons.	Name.	Trips.	Tons.
R. C Co., 4091	1	172	R. C. Co., 4095	1	172
R. C. Co., 4287	1	172	R. C. Co., 4246	1	172
R. C. Co., 4156	1	172	R. C. Co., 4258	1	172
R. C. Co., 3813	1	172	R. C. Co., 4099	1	172
R. C. Co., 4206	1	172	R. C Co., 4559	1	172
R. C Co., 3981	1	172	R. C. Co., 4511	1	172
R. C. Co., 4467	1	172	R. C. Co., 4319	1	172
R. C. Co., 4431	1	172	R. C. Co., 4546	1	172
R. C. Co., 4098	1	172	R. C. Co., 4482	1	172
R. C. Co., 4152	1	172	R. C. Co., 4296	1	172
R. C Co., 4165	1	172	R. C. Co., 4556	1	172
R. C. Co., 4222	1	172	R. C. Co., 4363	1	172
R. C. Co., 3994	1	172	R. C. Co., 4603	1	172
R. C. Co., 4048	1	172	R. C. Co., 4554	1	172
R. C. Co., 4508	1	172	R. C. Co., 4372	1	172
R. C Co., 4185	1	172	R. C. Co., 4451	1	172
R. C. Co., 4448	1	172	R. C. Co., 4552	1	172
R. C. Co., 4132	1	172	R. C. Co., 4232	1	172
R. C. Co., 4065	1	172	R. C. Co., 4199	1	172
R. C. Co., 4112	1	172	R. C. Co., 4053	1	172
R. C Co., 4050	1	172	R. C. Co., 4458	1	172
R. C. Co., 3744	1	172	R. C. Co., 4378	1	172
R. C. Co., 4468	1	172	R. C. Co., 3921	1	172
R. C. Co., 3841	1	172	R. C. Co., 4390	1	172
R. C. Co., 4426	1	172	R. C. Co., 3857	1	172
R. C Co., 4360	1	172	R. C. Co., 4036	1	172
R. C., Co., 4009	1	172	R. C. Co., 4318	1	172
R. C. Co., 4169	1	172	R. C. Co., 4089	1	172
R. C. Co., 4605	1	172	R. C. Co., 4405	1	172
R. C. Co., 4533	1	172	R. C. Co., 4153	1	172
R. C Co., 4071	1	172	R. C. Co., 4489	1	172
R. C. Co., 3908	1	172	R. C. Co., 4520	1	172
R. C. Co., 4229	1	172	R. C. Co., 4376	1	172
R. C. Co., 4464	1	172	R. C. Co., 4119	1	172
R. C. Co., 4365	1	172	R. C Co., 4289	1	172
R. C Co., 4512	1	172	Snow	3	431
R. C. Co., 4510	1	172	U. S. Co.	1	
R. C. Co., 4242	1	172	Veda	3	39
R. C. Co., 4275	1	172	Vivian, 1	3	120
R. C. Co., 4283	1	172	Vivian, 2	3	120
R. C Co., 3922	1	172	Vivian, 3	2	120
			Water Queen	1	

STEAM TUG BOATS.

Name.	Tonage.	Name.	Tonage.
Colorado	16	H. C. Haarstick	92
Ida Patton	13	Reliance	47
S C. Clubb	30	Susia Hazard	61
W. K. Kavanaugh	149		

SAND TRANSFER BARGES.

Name of Company.	Landing	No. of Barges Worked.
New Union Sand Company	Lucas avenue,	12
New Union Sand Company	Cedar street,	
New Union Sand Company	Anna street.	
Colorado Sand & Gravel Co	Mallinckrodt street,	8
Colorado Sand & Gravel Co	Carr street,	
Colorado Sand & Gravel Co	Plum street,	
Colorado Sand & Gravel Co	Victor street.	

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TABLE No. 3.—ANNUAL CONTRACTS. STATEMENT SHOWING CONDITION OF ANNUAL AGREEMENT, AUTHORIZED BY ANNUAL APPROPRIATIONS, DURING THE FISCAL YEAR 1903-1904. REPAIRS OF DYKES, WHARF AND RIVER BANK.

Name of Contractor.	Character of Work.	Amount Certified to April 13, 1903.	Amount Certified to from April 13, 1903, to April 11, 1904.	Total amount Certified to.	Percentage Retained.	Remarks
Agreement Philip F. Stifel.....	For repairs of the wharf with granite and limestone blocks from July 1, 1902, to July 1, 1903...	$2.837 33	$2.453 61	$5.290 94	.....	Expired.
Agreement Philip F. Stifel.....	For repairs of the wharf with granite and limestone blocks from July 1, 1903, to July 1, 1904.....	.....	6.205 44	6.205 44	$689 49	In progress.

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TABLE No. 4.—STATEMENT OF THE NUMBER OF STEAMBOATS AND BARGES, WITH TONNAGE OF SAME, ARRIVED AT ST. LOUIS DURING THE FISCAL YEAR 1903-1904.

	Upper Mississippi River.				Lower Mississippi River.				Missouri River.				Illinois River.				Ohio River.				Tennessee River.			
	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.	Packets.	Boats.	Barges.	Tonnage.
April, 1903	31	13	6	13.965	40	24	33	33.499	4	2	0	627	6	2	0	2.400	0	7	36	5.284	4	3	1	2.286
May, "	47	30	6	30.131	50	66	38	62.457	4	2	0	681	8	0	0	2.922	0	10	59	13.569	6	1	0	2.039
June, "	71	52	2	41.548	35	71	23	70.788	4	2	0	503	8	2	0	3.100	0	3	18	4.448	3	0	0	937
July, "	51	58	6	57.935	48	79	13	68.186	4	1	0	456	9	3	3	5.151	0	11	56	13.051	7	0	0	2.138
August, "	50	48	7	50.316	54	89	25	87.255	1	1	1	289	10	2	0	3.976	0	4	20	4.840	7	0	0	2.167
September, "	45	14	1	21.717	47	26	24	35.815	0	0	0	0	10	2	1	3.608	0	2	3	565	5	0	0	1.523
October, "	45	17	5	20.187	48	20	30	31.309	0	0	1	56	9	1	1	3.160	0	2	3	710	0	0	0	0
November "	35	8	0	13.568	26	18	27	23.863	0	0	0	0	7	1	0	2.444	0	0	0	0	1	0	1	490
December, "	1	1	0	334	8	4	5	5.148	0	1	1	209	1	0	0	340	0	0	0	0	1	0	0	322
January, 1904	0	0	0	0	1	1	1	886	0	2	3	285	0	0	0	0	0	0	0	0	0	0	0	0
February, "	0	0	0	0	4	1	1	2.317	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March, "	10	3	3	4.080	26	16	23	20.936	0	1	0	128	4	0	0	1.360	0	3	0	885	6	0	0	1.845
Total	336	244	36	253.771	387	415	242	442.459	17	12	6	3.234	72	13	5	28.531	0	42	195	43.352	40	4	2	13.747

RECAPITULATION

	Packets.	Boats.	Barges.	Tonnage.
Upper Mississippi River	336	244	36	253.771
Lower Mississippi River	387	415	242	442.459
Missouri River	17	12	6	3.234
Illinois River	72	13	5	28.531
Ohio River	0	42	195	43.352
Tennessee River	40	4	2	13.747
Total	902	730	486	785.094

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TABLE No 5.—STATEMENT OF THE AMOUNT OF LUMBER, SHINGLES, LATHS, PICKETS AND LOGS BROUGHT TO ST. LOUIS BY RIVER, DURING THE FISCAL YEAR 1903-1904.

	White Pine, Feet	Shingles, Number.	Laths, Number.	Pickets, Number.	Logs, Sup Ft.	Yellow Pine, Feet	Poplar, Feet.	Cotton-wood, Ft	Cypress, Feet.	Sycamore Feet.	Ash, Feet.
April, 1903	.....	264.400	63.600	.....	591.000	.....	469.000	1.405.000	574.000	.....	6.000
May, "	2.0000.000	763.000	100.000	.....	368.800	.....	730.000	.....	591.000	.....	78.000
June, "	.....	.....	.....	.....	644.000	.....	336.000	1.380.000	2.200.000	16.000	500.000
July, "	.....	.....	.....	.....	383.224	.....	1.280.500	80.000	1.203.000	.....	13.000
August, "	.....	1.091.000	115.200	.....	30.000	.....	554.000	2.048.000	2.159.000	.....	56.000
September, "	.....	.....	1.153.000	.....	409.600	.....	316.000	111.000	2.236.000	49.000	43.000
October, "	.....	.....	.....	.....	922.200	420.000	.....	1.310.000	1.259.000	7.000	36.000
November, "	.....	.....	.....	.....	373.440	400.000	417.000	823.000	85.000	10.000	77.000
December, "	.....	.....	.....	.....	225.000	.....	.....	.....	68.000	.....	.....
January, 1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
February, "	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
March, "	.....	.....	.....	.....	968.600	.....	217.000	586.000	509.000	.....	96.000
Total	2.000.000	2.118.400	1.431.800	.....	4.915.864	820.000	4.319.000	7.743.000	10.884.000	82.000	905.000

	Oak, Feet.	Walnut Feet.	Gum, Feet.	Maple Feet.	Hickory, Feet.	Cherry, Feet.	Cedar, Feet.	Mahog-any, Feet.	Chestnut Feet.	Elm, Feet.
April, 1903	50.000	700	.....	.....	2.000	.....	.....	.....	.....	.....
May, "	257.000	1.000	.....	.....	.....	.....	12.000	.....	.....	10.000
June, "	484.000	.....	4.000	.....	.....	.....	12.000	.....	.....	.....
July, "	368.500	3.000	.....	29.000	.....	.....	103.600	.....	2.000	.....
August, "	1.009.000	7.000	1.230.000	.....	.....	.....	5.000	.....	22.000	.....
September, "	447.000	3.000	627.000	.....	14.000	.....	47.000	.....	14.000	.....
October, "	66.0000	.....	1,168.000	.....	.....	.....	.....	.....	.....	8.000
November, "	30.000	800	380.000	.....	.....	.....	.....	.....	1.000	10.000
December, "	.....	.....	35.000	.....	.....	.....	.....	.....	.....	.....
January, 1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
February, "	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
March, "	770.000	2.000	55.000	.....	.....	.....	.....	.....	35.000	22.000
Total	3.481.500	17.500	3.499.000	29.000	16.000	.....	179.000	.....	74.000	50.000

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TABLE No. 6—STATEMENT OF THE AMOUNT OF FIREWOOD REICEIVED ON THE WHARF AT ST. LOUIS, AND THE AMOUNT OF WHARFAGE CHARGED THEREON DURING THE FISCAL YEAR 1903-1904.

	Northern District.				Southern District.			
	2nd Wharfage, 2½c a cord. Cords.	2nd Wharfage, 2½c a cord. Wharfage.	2nd Wharfage, 5c a cord Cords.	2nd Wharfage, 5c a cord Wharfage.	1st Wharfage, 5c a cord. Cords.	1st Wharfage, 5c a cord. Wharfage.	2nd Wharfage, 2½c a cord. Cords.	2nd Wharfage, 2½c a cord. Wharfage.
April, 1903							233	$ 5.82
May, "							395	9.88
June, "							230	5.75
July, "							250	6.25
August, "					150	$ 7.50		
September, "							260	6.50
October, "							195	4.88
November, "							351	8.78
December, "							216	5.40
January, 1904							128	3.24
February, "							80	2.00
March, "							225	5.62
Total					150	$7.50	2563	$64.12

RECAPITULATION.

	Wood Received.	Wharfage Charged.
Northern District		
Southern	150	$71.62
Total	150	$71.62

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TABLE No. 7.

STATEMENT OF WHARF PRIVILEGES, GRANTED UNDER THE FOLLOWING SPECIAL ORDINANCES, YIELDING REVENUE TO THE CITY OF SAINT LOUIS, IN FORCE AT THE END OF THE FISCAL YEAR 1903-1904.

Ordinance.	Lessee.	Rate per annum.
13.062	Merchants Elevator Co.	$ 750 00
12.744	Edwin Harrison	750 00
11.401	Geo. J. Gould, Trustee	1 00
11.753	Wiggins Ferry Co.	3.000 00
19.904	St. Louis I. M. & So. Ry.	2.000 00
12.024	Central Elevator Co.	200 00
11.204	Iron Mountain Elevator Co.	600 00
20.804	Donk Bros. Coal & Coke Co.	2.000 00
13.694	Merchants Elevator Co.	50 00
15.716	Farmers Elevator Co.	600 00
17.821	Wiggins Ferry Co.	240 00
20.644	Huse & Loomis I. & T. Co.	300 00
19.833	Mound City Rowing Club	60 00
20.440	Western Rowing Club	60 00
20.864	St. Louis Wooden Ware Works	750 00
21.129	Peper Cotton Press	900 00
17.819	Wiggins Ferry Co.	450 00
20.480	Colorado Sand & Gravel Co.	2.000 00
14.098	Central Elevator Co.	600 00
18.044	Wiggins Ferry Co.	240 00
19.988	Central Rowing Club	60 00
11.390	Wabash, St. L. & P. Ry. Co.	1.200 00

TABLE No. 8.

STATEMENT OF WHARF PRIVILEGES GRANTED UNDER AUTHORITY OF SECTION NO. 402 OF THE MUNICIPAL CODE OF THE CITY OF SAINT LOUIS, APPROVED APRIL 3RD, 1900, AND YIELDING REVENUE TO THE CITY, AND IN FORCE AT THE END OF THE FISCAL YEAR 1903-1904, SUBJECT TO CANCELLATION AT THE OPTION OF THE HARBOR AND WHARF COMMISSIONER.

Lessee.	Location.	Rate per month.
Wiggins Ferry Co.	Part of Block No. 2142	$ 66 20
Wiggins Ferry Co.	Part of Block No. 2142	19 80
Wiggins Ferry Co.	South of Rutger St.	275 06
Wiggins Ferry Co.	Bet. Russell and Barton Sts.	332 64
Wiggins Ferry Co.	Bet. Smith and Ashley Sts.	135 75
Wiggins Ferry Co.	Foot of Rutger St.	67 50
Wiggins Ferry Co.	Foot of Miller St.	136 80
St. Louis Trfr. R. Co.	Bet. Chambers and Clinton Sts.	60 34
Meier & Pohlman	Part of Block No. 2143	17 01
Meier & Pohlman	Part of Block No. 2144	22 60
Am. Hardwood Lbr. Co.	Part of Block No. 2144	48 90
John P. Heinrich	Foot of Convent St.	25 00
Henry Gaus & Sons	Bet. Warren and N. Mkt. Sts.	61 51
F. H. Smith & Co.	Bet. Warren and Benton Sts.	66 70
North St. Louis Dock Co.	Foot of Bremen Ave.	25 00
Lothman Cypress Co.	Foot of Dock St.	178 41
C. B. & Q. R. R. Co.	Bet. Warren and Branch Sts.	305 28
C. B. & Q. R. R. Co.	Foot of Ferry St.	281 67
C. B. & Q. R. R. Co.	Foot of St. Louis Ave.	39 65
L. G. Harris Mfg. Co.	Foot of Barton St.	20 52
St. L. I. M. & S. Ry. Co.	Bet Carroll and Rutger Sts.	267 40
St. Louis W. W. Works	Foot of Lynch St.	32 00
Wiggins Ferry Co.	South of Rutger St.	45 00
Wiggins Ferry Co.	North of St. George St.	3 86
Wiggins Ferry Co.	Bet. Clinton and N. Mkt. Sts	160 92
Druhe Hardwood Lbr. Co.	Part of Block No. 2142	152 00
St. Louis Gas Light Co.	South of Rutger St.	28 67
C. B. & Q. R. R. Co.	Near Foot of St. Louis Ave.	47 58
Wiggins Ferry Co.	Bet. Howard and Tyler Sts.	808 65
M. J. Heller Lumber Co.	Bet. Hall and N Mkt. Sts.	5 50
Strifler & Wehinger	Bet. N. Mkt. and Benton Sts.	47 30
Albert J. Rogers	Foot of Bremen Ave.	10 00
New Mo. Sand Co.	Foot of Anna St.	25 00
New St. L. Sand Co.	Foot of Cedar St.	25 00
Colorado S. & G. Co.	Foot of Carr St.	25 00
Grafton Quarry Co.	Foot of Poplar St.	25 00
Colorado S. & G. Co.	Foot of Plum St.	25 00
Eagle Sand Co.	Foot of Lucas Ave.	25 00
American Refining Co.	In front of Block 854	25 00
Colorado S. & G. Co.	Near Foot of Victor St.	25 00
Adolphus Busch	Bet. Dorcas and Louisa Sts.	319 00
Colorado S. & G. Co.	Foot of Dickson St.	74 00

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TABLE No. 9.

STATEMENT OF WHARF PRIVILEGES GRANTED UNDER THE FOLLOWING SPECIAL ORDINANCES YIELDING NO REVENUE TO THE CITY OF SAINT LOUIS AND IN FORCE AT THE END OF THE FISCAL YEAR 1903-1904.

Ordinance.	Date.	Lessee.
10.097	July 13th, 1876	St. Louis Wooden Ware Works.
10.822		
11.054	June 30th, 1880	St. Louis, Iron Mountain & So. Ry. Co.
11.476		
11.347	August, 1885	Union Warehouse Co.
12.054	May 27th, 1882	McPheeters Warehouse Co.
13.063	December 20th, 1884	Merchants Elevator Co.
13.353	August, 1885	Merchants Elevator Co.

STATEMENT OF FERRY COMPANY PRIVILEGES GRANTED UNDER THE FOLLOWING SPECIAL ORDINANCES, YIELDING REVENUE TO THE CITY OF SAINT LOUIS AND IN FORCE AT THE END OF THE FISCAL YEAR 1903-1904.

Ordinance.	Name of Ferry Co.	Location of landing	Space occupied. Feet.	Rate per annum.
10.414	Madison Ferry Co	North Market St	200	$ 600 00
11.015	Wiggins Ferry Co	Carr and Valentine Sts.	200	5,000 00
11.239	Waterloo, Carondelet & Turnpike Co	Stein St	200	200 00
14.986	St. Clair Ferry & Transfer Co.	Sidney St	150	150 00
21.121	William Dee Becker	Bremen Ave	100	400 00

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TABLE No. 10—STATEMENT PRESENTING THE DAILY GAUGE READINGS OF THE MISSISSIPPI RIVER AT ST. LOUIS DURING THE FISCAL YEAR 1903-1904.

Month—1903.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
April	20.10	19.90	19.50	19.60	20.40	21.50	22.00	22.10	21.80	21.20	21.20	22.60	23.60	23.50	23.80	24.00
May	18.60	18.10	18.00	17.70	17.40	17.10	16.90	16.80	16.80	17.00	16.90	16.50	16.30	16.00	*15.80	15.80
June	27.80	30.00	31.10	32.20	33.60	34.80	36.50	37.20	37.50	37.80	†37.95	37.70	37.35	36.50	35.30	33.80
July	†21.10	20.90	20.00	19.30	18.30	17.60	17.10	17.00	17.00	17.10	17.00	16.80	16.10	*15.80	15.90	16.70
August	17.00	16.10	15.70	16.10	*14.90	14.50	15.50	16.60	16.90	17.00	17.30	17.10	17.00	17.30	17.30	17.80
September	17.70	19.70	20.30	20.20	19.90	19.20	18.40	17.70	17.70	17.80	17.16	18.50	20.40	21.00	20.90	21.30
October	17.40	17.40	17.40	17.40	17.90	18.10	18.40	19.10	20.40	21.60	22.50	22.30	21.90	21.50	21.10	20.60
November	†15.30	15.20	15.00	14.70	14.50	14.40	14.90	15.30	15.20	14.90	14.50	14.00	13.70	13.20	12.80	12.20
December	†6.00	5.80	5.50	5.10	4.80	4.60	4.60	4.40	4.20	4.00	3.70	3.30	3.30	2.10	1.80	1.30
1904— January	5.30	5.10	4.80	4.30	3.60	3.80	3.70	3.80	3.60	*3.35	3.50	3.40	3.50	3.60	4.10	4.10
February	7.50	6.60	6.30	*6.10	6.30	6.40	7.40	7.40	7.75	8.40	8.90	9.60	9.90	9.90	†10.40	10.10
March	7.40	7.00	7.20	7.40	7.50	8.70	9.10	9.20	10.00	10.20	10.70	11.60	11.60	11.80	11.60	11.40

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Month—1903.	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
April	23.80	†24.40	24.00	23.40	23.20	23.30	22.80	22.50	21.70	21.10	20.30	19.80	19.30	19.00	.....
May	17.30	19.70	20.80	21.20	20.80	20.50	20.30	20.10	20.40	21.80	24.40	24.60	24.40	24.70	†25.70
June	32.30	31.00	29.50	28.20	27.50	26.90	26.00	25.60	25.10	24.70	23.85	21.60	21.60	*20.90	.....
July	17.90	19.30	20.10	19.60	19.00	18.90	19.00	19.20	19.60	20.60	20.80	19.90	19.10	18.60	17.80
August	17.30	17.30	17.70	17.80	18.00	17.90	17.40	16.50	15.90	15.60	15.10	15.10	15.50	16.40	17.20
September	†21.70	21.10	20.90	21.00	20.50	19.50	18.60	17.90	17.20	16.80	*16.70	17.00	17.20	17.30	.....
October	20.00	19.60	18.80	18.30	17.70	17.30	16.80	16.50	16.50	16.30	16.10	15.90	15.70	15.60	*15.40
November	11.90	11.40	10.80	10.30	10.00	9.50	9.40	9.00	8.50	8.00	7.50	6.90	6.90	*6.30	.....
December	.75	*.60	1.00	1.30	1.70	2.30	2.60	2.90	4.00	4.40	4.20	3.70	4.10	4.40	4.80
1904— January	4.10	4.50	4.70	4.70	5.50	9.30	13.10	†15.50	15.20	15.10	13.70	12.10	11.00	9.80	8.60
February	9.50	8.90	8.40	8.70	8.50	7.80	7.40	7.40	7.70	7.80	8.10	7.90	7.70	.....	.....
Marc..	11.70	12.10	12.70	12.80	12.90	13.20	15.20	15.90	17.80	20.00	20.90	23.20	24.50	25.30	25.20

†Indicates highest stage of river during each month.
*Indicates lowest stage of river during each month.

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ANNUAL REPORT

OF THE

City Marshal's Office

——FOR THE——

FISCAL YEAR ENDING APRIL 11, 1904.

St. Louis, April 1st, 1904.

Hon. Rolla Wells, Mayor of City of St. Louis:

Dear Sir—I have the honor to submit to you annual report of business transacted in the City Marshal's office for the fiscal year ending April, 1904.

Collections reported are up to and including March 31st, 1904.

FIRST DISTRICT.

Month 1903.	Amount collected	Sent to Work House.	Month. 1903.	Amount collected.	Sent to Work House.
April	$2.154 00	.....	November	$2.695 50	.....
May	2.489 25	.....	December	1.765 50	.....
June	3.566 50	.....			
July	3.505 00	.....	1904.		
August	3.851 00	.....	January	1.662 50	.....
September	4.313 00	.....	February	1.781 00	.....
October	3.797 50	.....	March	3.457 00	.....

SECOND DISTRICT.

Month 1903.	Amount collected	Sent to Work House.	Month. 1903.	Amount collected.	Sent to Work House.
April	$ 814 50	.....	November	$1.157 00	.....
May	1.235 50	.....	December	900 50	.....
June	1.268 50	.....			
July	1.769 50	.....	1904.		
August	1.535 00	.....	January	738 50	.....
September	1.255 00	.....	February	963 00	.....
October	1.362 00	.....	March	1.098 00	.....

DISTRICT SOUTH OF ARSENAL STREET.

Month 1903.	Amount collected	Sent to Work House.	Month. 1903.	Amount collected.	Sent to Work House.
April	$ 365 00	.....	November	$ 76 00	.....
May	157 00	.....	December	141 50	.....
June	264 00	.....			
July	344 00	.....	1904.		
August	198 00	.....	January	99 50	.....
September	436 50	.....	February	190 50	.....
October	225 00	.....	March	170 00	.....

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NUMBER OF PRISONERS SENT TO WORK HOUSE. FISCAL YEAR 1903-1904.

1903.	1st Dist.	2d Dist.	Arsenal St.	Total.
April	No account kept separately.			211
May				200
June				208
July				251
August				280
September				225
October	126	84	5	215
November	149	74	.	223
December	111	74	1	186
1904				
January	89	49	4	142
February	107	52	4	163
March	162	91	3	256
				2.560

POLICE COURT SUMMONSES SERVED.

First District	3.255
Second District	2.984
Third District	1.193
Total	7.432

Subpoenas served averaged about three to each summons.

Board of Health notices served	30.341
Subpoenas and notices from Executive Department	135
License Commissioner Notices served	252
Circuit Court summons in street opening cases served	2.121
Special Tax Bills served	15.372

Respectfully submitted,
JAMES SCULLIN,
City Marshal.

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ANNUAL REPORT

OF THE

City Jailer

FOR THE

FISCAL YEAR ENDING APRIL 11, 1904.

OFFICE OF CITY JAILER.

St. Louis, Mo., April 25, 1904.

Hon. Rolla Wells, Mayor.

I have the honor to herewith submit this, my annual report, for the fiscal year ending April 13, 1904, as follows:

Appropriations—	
For salaries	$22,180 00
For groceries and provisions	15,000 00
For drugs, medicines, etc.	2,000 00
For repairs of jail and jailer's residence	2,500 00
For office expenses, etc.	300 00
Total amount of appropriation	$41,980 00

Disbursements as follows—

For salaries	$21,516 57
For bread	3,103 65
For meat and fish	6,452 10
For groceries and provisions	3,597 50
For vegetables	702 60
For milk	496 28
For ice	296 23
For fuel	98 62
For drugs, medicines, etc.	386 98
For dry goods, clothing, etc.	970 37
For furniture	271 62
For kitchen utensils and repairs and furnishing goods	822 80
For hose and coupling	5 00
For chickens and turkeys (Christmas and Thanksgiving)	76 94
For office expenses, etc.	172 33
For printing, stationery and stamps	120 68
For repairs to jail and jail residence	2,057 57
Total amount of disbursements	$41,148 37
Balance reverting to general revenue	$ 831 63
Total amount of appropriation	$41,980 00

Receipts as Follows—

From Circuit Court	$23,364 00
From Court of Criminal Correction	209 50
From United States Government	1,167 60
From Transient prisoners	5 50
From German Consul	9 20
From Franklin County, Missouri	182 00
From Sale of condemned furniture	40 00
Total amount of receipts	$24,977 80

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Total amount of expenditures	$41,148 39
Total amount of receipts	24,977 80
Net cost to the city	$16,170 59
Net cost to the city for the year 1902-03	21,102 37
Daily average number of prisoners during year	256
Daily average number of prisoners during 1902-03	201
Daily average cost of boarding one person, including prisoners and employes for the year	0.1433

Commitments as follows—

White males	2,032
Colored males	847
White females	173
Colored females	222
Total number of commitments	3,274
Committed by Sheriff	3,126
Committed by Sheriffs outside city	16
Committed by United States Marshal	132
Total number of commitments for the year	3,274
Total number of commitments for years 1902-03	2,850
Commitments for past year in excess of 1902-03	424

Under this head I wish to state that the provisions of the Juvenile Law, with reference to the imprisonment in jail of persons under the age of sixteen years is strictly enforced in this jail.

A rule of the jail prohibits persons under such age from visiting the jail.

Salaries as follows—

Amount expended for the year	$21,516 57
Amount transferred from salary to drug fund in December last	597 03
Balance of appropriation reverting to general revenue	66 40
Total amount appropriated for salaries	$22,180 00

Under this head I desire to state that shortly before I took charge of the jail several of the guards and clerk of the jail resigned. Under those circumstances I applied at once to the Honorable Board of Police Commissioners for patrolmen to act as guards in the jail until such time as guards would be appointed to fill the positions thus vacated. My request to the Police Board was very promptly granted and patrolmen were detailed for the time being as guards, and as they were paid for their services out of the appropriation for police I found a surplus in my salary account of $597.03, at the time new guards and clerks were appointed.

In the month of December owing to the number of prisoners in the jail in excess of the previous year I found that my "Drug Fund" was nearly exhausted and upon request to the Comptroller the surplus of $597.03 in the "Salary Fund" was transferred to the "Drug Fund." The appropriation for the past year was the same as that for 1902 and 1903.

GROCERIES AND PROVISIONS.

The amount appropriated for groceries and provisions for the year 1903-4 was the same as the amount appropriated for the same purpose the previous year, viz.: $15,000. It has been sufficient and a balance of $175.95 will revert unexpended to the general revenue, notwithstanding the fact that the daily average number of prisoners for the year 1903-4, as above stated, is 56 in excess of what it was in 1902-3.

DRUGS AND MEDICINES.

The amount appropriated for this purpose for the year 1903-4 was the same as that appropriated for the same purpose in 1902-3, viz.: $2,000.

It must not be understood that only drugs and medicines are purchased from this fund. Many other necessities are paid for out of this appropriation.

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The "Drug Fund," as applied to the jail appropriation, is very largely misleading. For this reason I find fault with it. My judgment suggests that all expenditures should be specific in their terms.

Owing partly to the fact that very many necessities purchased from this fund were needed when I took charge of the jail and partly on account of the large number of prisoners in the jail during the summer and fall months, I was met with a deficit in this appropriation in December last. Upon request to the Comptroller the above referred to surplus amount in "Salary Fund" of $597.03 was transferred to the "Drug Fund." This amount was ample for the year and a balance of $145.24 will revert to the general revenue unexpended.

Under this head I wish to recall an official communication which I received from your honor under date of September 29, 1903, which contained some suggestions with reference to disinfectants. Also a formula for the preparation of disinfectants suggested for use in this institution. The suggestion was adopted which proved to be entirely satisfactory, having fully met the requirements. No other disinfectants have been purchased for the jail by me since that time.

REPAIRS OF JAIL AND JAILER'S RESIDENCE.

The amount appropriated for this purpose for this year was $700 in excess of the amount appropriated for the same purpose in 1902-3, viz.: $2,500. Under this head I wish to invite your honor's attention to the following itemized statement of expenses in addition to the ordinary or incidental expenses of the jail and jailer's residence, as follows:

As follows:

Painting interior and exterior of jailer's residence and papering the same, staining all brick work	$ 331 00
Painting and papering jail office	41 00
Steel wire screen to cover sky-lights in jail	135 00
Jail door screen	25 00
New roof on jailer's residence	50 00
New roof on female quarters	49 00
Jail door and screen, female quarters	156 65

Also iron bar doors on residence.

Painting and whitening female quarters	75 00
Repairs to gutters and down-spouting on residence	75 00
Elevated platform in jail screen for visitors	59 00
Double deck iron cots (20) for female quarters	132 00
Partition and lock for new store room	37 00
Carpenter work on residence	235 13
Linoleum on jail office floor	42 58
New closet and wash sink in female quarters	55 00
Total amount of those expenditures	$1,498 31

I wish to state that in the foregoing statement of expenditures I have confined myself to necessities only. It will be observed that the purchases here made while of great necessity and are very substantial in character, and will last for some years to come and might be classed as improvements. From this fund a balance of $442.43 will be returned to the general revenue unexpended.

OFFICE EXPENSES.

The jail office was in such condition at the beginning of the year that it was necessary to practically furnish a new one. In its present condition it is all that could with reason be desired in the jail and can be kept so for some years to come at a minimum of cost. The balance from this appropriation of $1.59 will revert to the general revenue.

FEMALE PRISONERS.

The female prisoners have been removed to a building in the rear of and attached to the jail. This building was originally erected for hospital purposes for the jail but has not in years been used for that purpose. I

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desire to state that the building is not all that could be desired for the purpose now used, but it certainly is an improvement over former conditions in so far as those prisoners are concerned.

The removal of those female prisoners from the main jail building increases the capacity of the latter building by about thirty.

HEALTH AND SANITARY CONDITIONS.

The health and sanitary conditions as your honor well knows are matters of great importance in the management of the jail. The chief city dispensary physician, who is charged under the municipal code with this responsibility, and his able corps of assistants, have been very attentive indeed in this duty in the past year, with most gratifying results. During the year 2282 cases in the jail have been treated by those physicians. The following is a record of the cases most commonly treated in jail and the number of such cases treated in the past year, as follows:

Alcoholism	26	Vaccine sores	28
Bronchitis	104	Wounds	252
Cephalalgia	44	Malarial fever	102
Constipation	109	Syphilis and kindred diseases	319
Neuralgia	36	Phthisis Pulmonalis	36
Tonsilitis	81	Pleurisy	38
Ulcers	62		

The number of prisoners sent from the Jail to the City Hospital during the past year has been scarcely one per month upon an average.

A system of thorough and general monthly inspection of all the prisoners and sanitary conditions of the jail was inaugurated early in the past year by the chief dispensary physician and his assistants. The wisdom of this plan is obvious in view of the fact that a large majority of the persons committed to the jail come from sections of the city where contagious and even communicable diseases are most prevalent. Medical supplies in so far as practicable are purchased at wholesale for the purpose of reducing this expense to the minimum. Sanitary conditions and ventilation are very good. Two prisoners died in the jail during the year, as follows: William Moore, colored, convicted of murder in the first degree; died suddenly of consumption, April 18, 1904. Sylvester Beck, colored; convicted of rape and sentenced to the penitentiary for a term of twenty years; suicided by leaping headforemost from the upper balcony to the stone floor of the jail on the morning of the 23rd ult.

CONVICTIONS AND COMMITMENTS.

The maximum number of prisoners in the jail during the year was 326 on November 6th and 12th. The minimum number was 175 on the 23rd inst. On the first day of last October there were 304 prisoners confined in the jail awaiting trial by the courts or action by the grand jury. Of this number 246 were charged with felony.

The following statement will show the number of prisoners sent to the penitentiary and work house from the jail on conviction and pleas of guilty entered in the court. Beginning April the 13th, 1903, and ending April 13, 1904, as follows:

Sent from criminal divisions numbers eight and nine of the Circuit Court to State Penitentiary	275
Number of prisoners sentenced to Penitentiary by same courts and still remaining in jail	18
Total	293
From the same courts to the City Work House	173
From the Court of Criminal Correction, beginning April 1, 1903, and ending March 31, 1904	900
The number of prisoners convicted and sentenced though not yet sent to Work House	8
Total	1081

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RELIGIOUS SERVICES.

Religious services are held on the floor of the Jail at 3 p. m. on all Sundays. These services are non-sectarian in character, to which any ordained clergyman or other proper persons may be admitted. All cell doors are unlocked during those services thereby giving each and every prisoner ample opportunity to take part in the services should he wish to do so. Catholic services are held in the jail twice each month on Sunday mornings to which any and all prisoners are admitted should they desire to attend.

RECOMMENDATIONS.

Under this head I feel that it is absolutely essential that all necessary repairs to the roof, guttering and down-spouting be made without unnecessary delay. It is equally necessary that the interior of the Jail be painted and whitened. From estimates recently submitted on the work and repairs suggested I hope to be able to have this work done very soon, provided, however, that the amount of money set apart in this year's appropriations for the repair of Jail and Jailer's residence will not be less than that of last year, viz., $2,500.00

There is great necessity for the erection of a suitable building to be used for hospital purposes. The criminal sick, or those supposed insane should not be removed from the Jail either for treatment or observation. I would recommend that such a building be provided for without unnecessary delay.

I wish to recommend also that in view of the fact that the amount set apart last year in that part of it known as the "Drug Fund" was not near sufficient as above shown. The number of prisoners will probably be as large this year as last, and for that reason I would recommend that $500 more be added to that fund for this year.

In closing I desire to express to your honor my appreciation of the courtesy and consideration which I have at all times received from you.

All of which is most respectfully submitted by,

Very truly,
JAMES L. DAWSON,
City Jailer.

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ANNUAL REPORT

OF THE

Jury Commissioner

FOR THE

YEAR ENDING SEPTEMBER 30, 1904.

Office of Jury Commissioner,

St. Louis, Mo., October 1st, 1904.

To the Honorable Judges of the Circuit Court, City of St. Louis:

The Jury Commissioner respectfully submits the following report for your consideration:

During the year ending September 30th, 1904, as appears by the records of this office, there was drawn for jury service in the several Circuit Courts, the Probate Court and the Court of Criminal Correction, respectively, the number of jurors shown on the following list.

Said list also shows the number of jurors who actually served in each of the said courts during the said year, and the amount paid for jury service in said courts, respectively.

Following the list of the petit jurors, there is also a list of Grand Jurors drawn and the special jurors drawn for service in the several Circuit Courts.

1903-1904. Court.	No. of Juries.	Number of Jurors drawn and selected.	No. of Jurors served.	Amount paid.
1	16	580	330	$ 1.878 00
2	35	1,250	791	4.066 00
3	16	595	369	1.905 00
4	22	770	461	2.390 50
5	20	700	439	2.274 00
6	20	700	443	2.212 50
7	24	840	490	2.695 50
8	34	3,400	2.097	16.247 00
9	42	4.160	2.514	17.433 50
10	23	845	508	3.135 00
11	21	735	452	2.517 00
Court Criminal Correction	16	1,800	981	4.342 00
Probate	5	170	113	511 50
Grand	5	215	61	3.000 00
Juvenile	1	65	43	129 00
Total	300	16.825	10.092	$64.736 50
Special Juries:				
1	62	2.410	348	.....
2	51	1,860	312	.....
3	30	1.155	192	.....
4	62	2.250	360	.....
5	38	1.330	240	.....
6	57	2.065	396	.....
7	47	1,661	252	.....
8	3	200	.....	.....
9	6	430	12	.....
10	72	2.575	432	.....
11	38	1.395	240	.....
Court Criminal Correction	2	125	12	.....
Total	468	17.456	2.796	.....
Grand Total	768	34.281	12.888	.....

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It becomes the duty of the Jury Commissioner in the years in which a canvass of the city is not made, under Section 6549 of the R. S. M., "To carefully examine and correct the entries therein, adding all names that shall come to his knowledge after said book is made out, and which if found known, ought to have been entered therein in pursuance of this act."

The Jury Registers have been carefully compared with the City Directory. Every name not found in the Directory being noted on the Jury Registers, which are, therefore, as perfect as to information (except a re-canvass of the city be made) as can be.

When the Registers were revised the Commissioner gave notice as required by R. S. M., Section 6550, that the Registers were open for inspection to all persons who had a claim for exemption from jury service Said notice was printed for one week commencing September 1st, 1904, in each of the following newspapers published in the City of St. Louis, viz.:

Globe-Democrat, Republic, Westliche Post and Amerika.

Under said notice twenty-three claims for exemption were presented and allowed as follows:

Defective hearing	3	National Guards	3
Physical disability	5	Over age	5
Non-resident	6	Physician	1

Following claims for exemption were presented, but not allowed:

Defective hearing	1	Judge of Election	1

The gentleman who claimed to be a Judge of Election was informed that this office could honor such claims only upon receipt of the regular official notification by the Board of Election Commissioners, which is made previous to every election, and that if the Board sent in his name as one of its appointees it would be stricken from the Jury Register.

During the past year the following changes have occurred in the Jury Commissioner's office:

Hon. John G. Prather, whose tenure of office began May 1st, 1903, succumbed to a short but severe attack of pneumonia and died December 27th, 1903.

Upon January 5th, 1904, Hon. Jas. W. Corcoran, being duly appointed and qualified as Jury Commissioner for the City of St. Louis, according to Article 23, Sections 6539-6542 R. S. M., assumed the duties of this office, and upon February 1st, 1904, submitted to the Hon. Circuit Court in general term the following appointments:

George B. Drown, Principal Deputy Jury Commissioner.
Julius J. Winter, Deputy Jury Commissioner.
Phocion M. McMinn, Deputy Jury Commissioner.
Michael J. Kenefick, Deputy Jury Commissioner.
John S. Briscoe, Deputy Jury Commissioner.

Said appointments were duly confirmed.

Immediately upon assuming the duties of the office, the Jury Commissioner took steps to have the office renovated and redecorated, which was done, and the room has since presented a very much improved and inviting appearance; tasteful selections of wall paper, linoleum and new furniture were made, and the old, worn-out articles were given into the custody of the Comptroller; the former and much soiled coating of white paint on the woodwork was replaced by a beautiful cherry mahogany.

In addition to the above improvements the Jury Commissioner has supplied a long-felt and long-deferred want in the office, in the purchase of a fire-proof steel cabinet for the protection of the office's Jury Registers and Biennial Canvass Records. The new steel cabinet is extremely handsome and serviceable, constructed upon plans and specifications drawn up by the Jury Commissioner, containing twenty-one roller shelves for Jury Registers, eighteen filing cabinet drawers for Canvass Records and three deep and capacious compartments for the safe keeping of all valuable material which accumulates during a canvass, and has heretofore during previous canvasses been exposed to the risk of destruction by fire or other agency, in the event of which a serious loss of funds and sacrifice of time would be entailed upon the City of St. Louis. The steel cabinet is by far the most important and valuable accession that has ever

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been made to the fixtures of the office, and its ornate exterior adds materially to the pleasing effect of the new paint and decorations.

The cost of these improvements, which came out of the appropriation for the Jury Commissioner's office, was $254.88.

The Commissioner spent considerable time personally in selecting the various articles and obtained the lowest prices possible on all the supplies furnished.

The expenses of the office during the period covered by this report were as follows:

For Salaries—

	Days.	Rate.	Amount.
John G. Prather, Jury Com'nr	2 Mo. & 27 days		$ 598 11
Jas. W. Corcoran, Jury Com'nr	8 Mo. & 27 days		1,848 09
George B. Drown, Deputy	313	$5 00	1,565 00
Julius J. Winter, Deputy	313	4 00	1,252 00
Phocion M. McMinn, Deputy	313	4 00	1,252 00
Julius H. Smith, Deputy	117	4 00	468 00
Thomas J. Walker, Deputy	117	4 00	468 00
John S. Briscoe, Deputy	196	4 00	784 00
Michael J. Kenefick, Deputy	196	4 00	784 00
Total salaries			$9,019 20

OFFICE SUPPLIES.

1903.			
Oct. 1.	Typewriter Repair Bureau—		
	To repairing 2 Remington typewriters	$4.50	$9.00
Oct. 1.	Abend-Anzeiger—		
	Jury Exemption Notice, seven insertions		8 00
Oct. 1.	Hellmich Bros.—		
	3 M. Special Jury Blanks	39 00	
	1 M. Half Cap Tabs	10 85	
	500 Ruled Letter Heads	4 75	
	500 Unruled Letter Heads	4 25	
	1 Jury Record Book	21 75	80 60
Oct. 1.	Woodward & Tiernan Prtg. Co.—		
	Repairing and inserting pages in Jury Registers, 5 insertions at $2.00		10 00
Oct. 2.	Lambert-Deacon-Hull Prtg. Co.—		
	Postage Stamps, 150 at 2c		3 00
Oct. 13.	Bell Telephone Co.—		
	Service August 1st to October 6th, 1903		22 90
Oct. 5.	Lambert-Deacon-Hull Prtg. Co.—		
	1 doz. Steel Erasers	6 50	
	500 Half Cap Tabs	3 25	
	2 doz. pkgs. Blotters	1 25	
	1 quart Carter's Court House Ink	50	
	1 gross Ooster's Pens, No. 109	1 25	
	1 gross Spencerian Pens	75	
	1 gross Isaac's No. 13 Pens	85	
	1 doz. Pen Holders	40	
	1 Purple Record Ribbon	50	
	1 Purple Copy Ribbon	50	
	1 Set Rubber Type	1 25	
	1 Blue Pad	15	
	1 Rubber Stamp	10	
	2 Large Papers Pins	15	
	2 Large Scratch Blocks	25	
	2 yards Brown Muslin	40	18 05
Dec. 7.	Kinloch Telephone Co.—		
	Service October 1st to December 31st, 1903		18 00
1904.			
Jan. 21.	Kinloch Telephone Co.—		
	Service January 1st to March 1st, 1904		18 00
Jan. 21.	Steiner Engraving & Badge Co.—		
	Changing Seal		1 75
Jan. 25.	Woodward & Tiernan Prtg. Co.—		
	200 Sheets Carbon Paper	4 50	
	1 Rubber Stamp	20	
	1 gross Ball Pointed Pens	90	5 60
Jan. 25.	Mulvihill Furniture Co.—		
	13 yards Top Carpet at $1 05	13 65	
	45 yards Inlaid Linoleum at $1.50	57 50	
	1 Wardrobe	30 00	
	1 Cuspidor	2 75	
	2 Shades at $2.30	4 60	
	Repairing of Desk	4 75	
	Repairing of Office Chair	1 25	124 50

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Jan. 30.	Samuel F. Meyerson Prtg. Co.—		
	500 Ruled Letter Heads		
	500 Unruled Letter Heads		
	500 No. 6½ Envelopes		
	500 No. 10 Envelopes		9 50
Feb. 4.	Remington Typewriter Co.—		
	To Adjusting Typewriter		65
Feb. 17.	Bell Telephone Co.—		
	Removal of Desk Set		1 20
Mar. 4.	Commercial Elect. Supply Co.—		
	2 only 10" Porcelain Shades at 87½c		75
Mar. 15	J. C. Miller—		
	1 Only Window Pole	50	
	3 Only Sash Cords, at 50c	1 50	2 00
Mar. 17.	Lambert-Deacon-Hull Prtg. Co.—		
	2 Copy Ribbons, 4 Record Ribbons	3 50	
	500 McGill's Fasterners, No. 2	90	
	¼ lb Rubber Bands, No. 33	60	
	1 Rubber Stamp	50	
	1 Red Pad	25	
	2 Large Paper Pins	20	
	1 gross No. 442 Pens	57	
	½ doz. Circular Erasers	20	
	1 Rubber Stamp	20	6 92
Mar. 17.	Remington Typewriter Co.—		
	Adjusting		10 20
Mar. 25.	Nellie M. Emerson—		
	Services March 14th, 15th and 16th, 3 days at $4 00		12 00
Apr. 1.	Kinloch Telephone Co.—		
	Service April 1st to June 30th, 1904		18 00
Apr. 9.	Hellmich Bros.—		
	500 Linen Jury Blanks	10.25	
	3000 Special Jury Blanks	39 00	49 25
Apr. 28.	Gould Directory Co.—		
	2 City Directories at $7 00	14 00	
	1 Commercial Register	2 50	
	1 Blue Book	5 00	21 50
Jul. 20.	Underwood Typewriter Co.—		
	2 Machines, No. 3, at $101 25	202 50	
	Credit by 2 Remington Machines	80 00	122 50
Jul. 29.	Kinloch Telephone Co.—		
	Service July 1st to Sept. 30th, 1904		18 00
Aug. 15.	Art Metal Construction Co.—		
	One Steel Cabinet, No. 14535		127 63
Aug. 17.	Woodward & Tiernan Prtg. Co.—		
	150 2c Stamps		3 00
Sep. 1.	St. Louis Globe-Democrat—		
	Annual Exemption Notice		18 00
Sep. 1.	St. Louis Republic—		
	Annual Exemption Notice		12 60
Sep. 1.	Westliche Post—		
	Annual Exemption Notice		14 00
Sep. 1.	Amerika—		
	Anual Exemption Notice		17 50
Sep. 14.	Woodward & Tiernan Prtg. Co.—		
	2 doz. Packages Blotters	1 40	
	3 doz. Faber's Pencils, No. 2	1 35	
	1 M Half Cap Tabs	8 50	
	1 gross Est. Pens	56	
	1 gross Spencerian Pens	85	
	2 cans Polishine at 45c	90	
	2 bottles Carter's C. H. Ink	1 40	14 96
	Total Office Supplies		$799 56
Total	Salaries		9.019 20
Total	Expenditures		$9.818 76

JAS. W. CORCORAN,

Jury Commissioner.

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ANNUAL REPORT

OF THE

Board of Commissioners of Charitable and Penal Institutions

FOR THE

FISCAL YEAR ENDING APRIL 11, 1904.

Hon. Rolla Wells,

Mayor City of St. Louis.

Dear Sir—Pursuant to the provisions of the Charter and Ordinances creating and defining the duties and obligations imposed upon the Board of Commissioners of Charitable and Penal Institutions, we beg leave to report that during the fiscal year the various eleemosynary and penal institutions controlled wholly or in part by the City of St. Louis, have been frequently visited by the members of this Board, and that especial care has been given to the investigation of their management and the treatment and government of the inmates.

Such facts as have in our opinion demanded immediate attention we have in our monthly reports submitted to your honor, and it is unnecessary to repeat them here, especially as the heads of the various institutions will submit to your honor a detailed statement of the needs and improvements required in their respective departments. We wish, however, to repeat and emphasize our former commendation of the industrial and manual training now carried on with great success at the House of Refuge even under disadvantages of improper buildings and insufficient financial support. Your Board respectfully urges that these departments, as well as the educational work done by day-schools, be given increased financial support and that the work be greatly enlarged.

INSTITUTIONS SUPPORTED WHOLLY BY THE CITY.

The institutions under the supervision of this Board supported wholly by the City are the Insane Asylum, Female Hospital, House of Refuge, Poor House, Jail, Work House, City Hospital and Emergency Hospital. The visits to these institutions have been at irregular intervals, and without previous notice to the officials, and it gives us pleasure to testify that we have found them judiciously and economically conducted; the inmates humanely and properly treated, and the management in general such as to reflect credit both upon the officials and the City. We cannot, however, refrain from emphasizing the imperative necessity for more modern and better buildings for the case of the City's dependents. The facilities for proper classification and segregation of every public institution in this City are wholly inadequate. It does not seem wise on the part of your Board to recommend extensive repairs to the present out-of-date and poorly constructed buildings, but rather the total demolishment of some of them and the erection of new buildings on the same or on better located sites. In other cases, one or two buildings might be

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erected each year on the ground belonging to the City and thus in time a new and modern complement of buildings would be provided for all of our charitable and penal institutions. As instances, to emphasize this thought, your Board would cite the Jail, Insane Asylum and the House of Refuge.

When it is remembered that the Jail was erected in 1871 and the Insane Asylum and House of Refuge in 1868, with the population of our City a little over half what it is today, it reflects a credit upon the public spiritedness of that day which the present generation should emulate if it would escape just criticism for neglecting to humanely provide for the unfortunate.

It is especially discreditable and disparaging to present day philanthropy and enterprise, to reflect that the present Insane Asylum was, when erected nearly half a century ago, designed to accommodate only one-fifth of the present number of insane patients; that today 700 patients are crowded into quarters designed for the accommodation of only 240 patients, while 900 more patients must be cared for, and for lack of room in the Asylum, are quartered in an over-crowded Poor House, a place that is in its very nature unfit for the insane, and, what is more objectionable, removes them from under the immediate care of an official, selected on account of his peculiar fitness, to treat and care for them. A visit to this institution cannot but prove a pleasing surprise to all who would expect to find other than the most perfect order, neatness and cleanliness from basement to attic, yet it is the order and neatness like unto the proverbable "sardines in a box."

The Jail is hardly less crowded, and but for good management, strict discipline and efficient officials there would be just cause to apprehend grave consequences in the way of conspiracies, riots and attempts to escape, to say nothing of the danger from contagious and infectious diseases, always more or less liable to occur in large prisons, and especially where they are overcrowded with a heterogeneous aggregation of humanity such as now fills our City Jail.

Until the recent establishment of the Juvenile Court, a condition prevailed in this prison which made it little less than a "school of crime," for here were confined annually hundreds of boys, ranging in age from nine to twenty years, and being quartered in cells, and in constant association with hardened criminals, the effect upon these boys could not but be injurious and often no doubt resulted in making confirmed criminals of many of them. Now, however, all these cases are sent to the Juvenile Court, disposed of immediately, and the guilty assessed imprisonment in the House of Refuge where they are given employment at learning some useful trade.

Another grevious wrong in this institution, which remains to be remedied, but which your honor, on representation of this Board, has called to the attention of the Circuit Attorney, is that of holding prisoners from month to month, sometimes over a year, without giving them a preliminary hearing or an opportunity to clear themselves of the charges against them. We are informed that when these cases are finally brought to trial that more than 75 per cent of them are dismissed for want of prosecution, or lack of evidence. This unjust practice certainly works a great hardship upon the accused and entails heavy bills of cost on the City.

INSTITUTIONS SUPPORTED IN PART BY THE CITY.

There being, unfortunately, no City Institution for the care of children under three years of age, the contract system of boarding such waifs in private institutions is now in use. Prior to 1895 all waifs were sent to the St. Ann Orphan Asylum, but in that year contracts were also made, and since continued, with the Bethesda Home and the Colored Orphan Asylum at a monthly cost to the City of twelve dollars for each child. On an average the City maintains some 35 children at the Bethesda, 30 at the St. Ann Orphan Asylum and five at the Colored Orphan Asylum, or a total of 70 at an annual cost of about $10,000.00.

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So far as your Commissioners have been able to determine from their visits to these institutions, the children seem to be properly cared for, humanly treated and the premises kept in a cleanly condition.

Pursuant to Ordinance we would state in closing that the present Board has held, since its organization on October 19, 1903, seven meetings, up to and including April 15, 1904, of which Mr. President McClain attended four, Mr. Bernheimer two, Mr. Cramer six, Mr. Christie three, and Mr. Devoy four.

Respectfully submitted,

W. H. McCLAIN, President,
MARCUS BERNHEIMER,
HARVEY L. CHRISTIE,
EDW. DEVOY,
G. CRAMER,
Commissioners.

CORTEZ A. KITCHEN,
Secretary.

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ANNUAL REPORT

OF THE

FACTORY INSPECTOR

FOR THE

FISCAL YEAR ENDING APRIL 11, 1904.

Hon. Rolla Wells,
Mayor of St. Louis.

Dear Sir—In presenting my annual report I am pleased to be able to say that the factories and workshops in this district are very much improved since the creation of the City Factory Inspector's Office, in regard to the sanitary conditions and ventilation.

The laws are well obeyed by the managers and owners and a great many are adopting the rule of hiring older children and with much better results as to the work. Also I am pleased to say that the superintendents and foremen are coming to the conclusion that the laws are a benefit to them instead of a hindrance as they at first supposed they would be. I must also say that although the laws are very generally obeyed, the inspectors must keep a careful watch over the workshops and factories as his presence in those places has a beneficial effect and keeps the manager informed of the laws.

In the matter of ventilation in the workshops and factories in this city, there seems to be a desire to make the ventilation as good as possible and to have the factories kept as clean as circumstances will allow.

We also require and insist that separate water-closets shall be provided in sufficient numbers for each sex, and that these closets shall be at proper distances from each other when possible. I consider this a most important requirement and believe its enforcement to be beneficial in the matter of morals in many instances. Through the ignorance of the persons who planned the building or the desire to economize space, or perhaps through both of these reasons combined, morality and modesty were disregarded. We also require when possible that suitable wash rooms shall be provided for women and we always do in those cases where dirt accumulates on the clothing of the operatives.

As to the moral condition of factory employees in general I would say that factory life in its tendencies is injurious to morals. But I don't think that it is any worse than other kinds of life where so many people meet promiscuously and with so little restraint. I do not think that factory people are as a class inferior in morality in the ordinary sense of the word, to any equally numerous class in the country. On the contrary, I believe they are superior in this respect to any class of men and women who do not work. Everybody who knows anything about the matter will bear testimony to the fact that a very large percentage of factory girls are not only sound to the core morally but at the same time are beautiful examples of Christian devotion and fine womanly feeling.

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I dare say you will find as large a percentage of generous self-sacrificing sisters and daughters among factory girls as among any other class of help in the world. Their self-sacrificing spirit is shown in this way, that very frequently the earnings of the factory girl go to the support of an aged father, or mother, or for the education of a brother, and cases are by no means rare where every cent earned month after month is devoted to such purposes.

The tendency which people have to slur factory girls arises rather from their vulgarity than immorality, and this touches one of the worst features of factory life. In a large number, particularly those who go to work young, much of the modesty which so becomes a woman is lost, and this is due mainly to the gross immodest language which is so common in most rooms. Of course this evil is not an essential one. It may not exist; but from what I know I believe it is quite common in rooms where people of both sexes work together, particularly where discipline is in a measure lax. In such conditions the delicacy and modesty of deportment and speech which are so precious and lovely in the character of young women are in danger.

But these girls are not so liable to be led into actual vice as some whose very ignorance of evil and of the need of avoiding or resisting it sometimes exposes them to temptation unarmed and unprepared. The factory girls are to a certain extent familiar with coarse language, but this fact is not in their case a mark of extreme depravity; it affords no evidence of unchastity. Working people, I am convinced, are more pure and free from vice than most moralists think them. Their time is filled by their regular occupation and they have little leisure for vicious thoughts or mischievous desires. It is among idle men and women that such evils find most recruits.

While much has been accomplished in the inspection and improvement of bake-shops, there is yet much to be done that will appeal directly to public confidence and at the same time also, to the interests of the trade.

An element of mystery has always been attached to the making of bread, for the reason that it has to a certain degree been closed from public inspection and conducted largely underground by night, and such items of news, regarding methods and surroundings as found their way from the unknown regions of the bake-shop to the general public have usually been the averse of reassuring.

The present is an age of sanitary reform and the sanitary engineers have succeeded in receiving the public consent and support, and it is understood with very beneficial results. The methods of living and working which would be tolerated some years ago would be frowned upon now. Today some of the leading hotels and bakeries invite their guests to inspect their kitchens and bake-shops at any time, knowing that they can do so without injury to their appetites which would have resulted after such an expedition in former times. Many bakers have not only removed their bake-shops to a level with the street but have made such an arrangement that the work is practically open to the public.

Pen cannot picture the condition of some of our bake-shops, where our bread that we daily consume is made. The work-shops or bakeries, are constructed by fitting up a cellar or some ordinary tenement house, or sometimes a shed is used and fitted up for such purposes, with an oven or furnace and one or two gas jets, together with some wooden kneading troughs. The place is generally small, roughly paved, dark, damp and suffocating from want of air. The house drains and main sewers are generally right beneath or close to its scanty floors. The filth is unbearable, and disease is breeding in every corner. Under such horrible conditions some of the bread that we daily consume is manufactured, with very little protection for the public, except when the inspectors visit their bake-shops and compel them to clean up semi-annually. Places of this kind should be inspected weekly, to keep them in proper condition. We have taken them to court and had them

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fined for keeping filthy bakeries, but it failed to have the desired effect, or only for a short time.

Much improvement has been made, while there are no doubt still many shops that should be closed or else cleaned and conducted in a first-class manner. It is true that many still remain below the street level, but that is not the reason why they should not be well conducted with reference to cleanliness and light.

Modern drainage, with a liberal use of white-wash, and a good system of lighting and ventilation, combined with care, will keep any shop wholesome whether located above or below the street.

The law relating to the guarding of dangerous machinery is another thing that calls the attention of our inspectors.

It must be admitted that it is impossible to make machinery absolutely safe, yet it would be reasonably so with proper safeguards and by proper precautions of the inspectors. By their timely aid they may suppress dangerous practices in the use of machinery, as it is very true and sad that many of the accidents result from the carelessness of the operators themselves. In quite a number of our factories we have more or less old machinery, but competition in different lines necessarily calls for new and improved machinery. In replacing old with new machinery proper care should be taken to see that the necessary safeguards are provided for the protection of women and children.

I am plased to report very many greatly improved conditions in manufacturing establishments. During the last three years better ventilation of work-rooms and of closets has been provided. Proprietors have taken interest in the welfare of those they employ, care has been taken to keep the stairways free from obstructions and doors leading to them and to the fire-escapes are kept unlocked so that in case of fire there could be no trouble in getting out.

In relation to child labor I find the law fully complied with. There is no disposition to evade and when in doubt the managers of factories have often communicated with me to ascertain just what is proper to do in the matter. We very often grant permits to children under fourteen years of age for the reason of their poverty or the poverty of their parents.

If this office should be continued, I would respectfully recommend that the fee be abolished so that inspections may be made whenever necessary instead of at intervals of six months, as is the case at present. You cannot have too many inspections of bakeries and sweat-shops, as it would keep the inspectors busy to attend to these places alone and keep them in proper condition.

Respectfully submitted,
P. H. CLARKE,
Factory Inspector.

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ANNUAL REPORT

OF THE

SMOKE INSPECTOR

SEPTEMBER, 1904.

September 29, 1904.

Honorable Rolla Wells, Mayor,
City of Saint Louis:

Dear Sir—Attached hereto find list in alphabetical order of manufacturing concerns and other parties that are at the present time using smoke consuming devices, the character of which is also shown. The list as shown covers nearly all of the violators, and the devices have been installed, with various changes, since October, 1901. Some of the devices as shown in the list are not giving entire satisfaction, and where this condition exists parties are notified and sufficient time allowed to make changes or improvements. It is estimated that up to the present time there has been a decrease of 75% or 80% in the emission of dense smoke.

The record attached will show that

577 plants are equipped with Steam Jet and Air Blast Devices.
216 plants are equipped with Down Draft Furnaces.
45 plants are equipped with Fire Brick Arches.
14 plants are equipped with Automatic Stokers.
53 plants have changed to Electric Power.
19 plants are burning Smokeless Fuel.

924

Making a total of nine hundred and twenty-four plants which are using smoke consuming devices. These plants contain from one to thirty boilers each.

Most of the railroad companies have given rigid instructions to their train crews regarding the emission of smoke from locomotives and are also trying from time to time to secure smoke consuming devices that will tend to be of service in this direction.

I believe there will also be a decided decrease in the amount of smoke emitted from small, or heating, plants which are not in operation during the summer months, as a great many changes have been made by parties in charge of the same.

Suits have been instituted thus far against one hundred and thirty-six violators of the law, practically all being fined from $25.00 to $100.00 by the Judge of the Criminal Court of Correction. There are still pending for trial eleven cases. One of the cases has been appealed to the State Supreme Court, and will come up for argument some time in October. The Civic Improvement League has kindly tendered its services in a legal way to argue the validity of the law before the above court.

It has been the experience of this Department that there is a great deal of carelessness exhibited in the use of smoke consuming devices by parties in charge of the same, and I believe with this condition exist-

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ing that the licensing of firemen, having them pass an examination on the line of engineers, would assist very greatly in the reduction of smoke, and also be a matter of concern in the saving of fuel to the various owners of the plants.

I believe at the present time as a matter of interest to the Municipal Assembly, and to the general public, that conditions relative to the abatement of the smoke nuisance in this city should be brought forward in a clear and concise manner; the subject to be thoroughly investigated by a committee composed of members of both the Council and House; this committee to make a thorough canvass of the various boiler plants, and ascertain what has been done or is being done looking towards the abatement of smoke. This Department claims, as above stated, a reduction of at least 75% of the smoke emitted from boiler plants, and I believe that this statement will be borne out if one will recall the condition two years ago of the downtown district at any time of the day, winter or summer, when objects could not be discerned at a distance greater than one and a half or two squares. This condition existed almost every day as far as Grand Avenue. This smoke cloud at the present time seldom exists, and when it does is due to railroad smoke, in connection with that from private residences.

In this connection I desire to quote from the annual report of the Civic Improvement League, March, 1904, the following:

"We have taken a continued interest in smoke abatement. The City Department in this matter has done efficient work. Manufactories and large users of coal have very generally been required to adopt smoke consuming devices, and it is a safe calculation to say that the body of smoke produced from these sources has been reduced 75%."

Also to quote from the investigation of the Engineers' Club the following: "In the judgment of your committee the city is to be congratulated upon the present excellent enforcement of the ordinances by the officials charged with that duty. While there is still some smoke, most of which could be obviated by proper efforts, it is nevertheless true that there has been a marked improvement in the atmosphere."

After a thorough investigation is made by the committee here, I believe that the smoke question in other cities which have similar laws in effect should be looked into, viz.: New York, Boston, Washington, Cleveland, Cincinnati and Chicago; a committee in connection with several members of this Department to visit the above cities. I believe with a careful plan outlined in this regard that the railroad proposition, and other matters pertaining to the smoke nuisance, could be thoroughly gone into, and the information gathered would be of material benefit to this city.

Very respectfully,

C. H. JONES,
Chief Smoke Inspector.

Absorene Co., 209 Pine—Steam jets.
Academy of Sacred Heart, Taylor and Maryland—Brick arches.
Aetna Iron Works, 21st and Papin—Steam jets.
Alexian Bros., 3939 S. Broadway—Down drafts.
Allan Pfeiffer, 17th and Morgan—Steam jets.
Allen Building, 507 Market—Down draft.
Alois Aufrichtig, 218 Lombard—Steam jets.
Alt Box Co., Main and Carroll—Steam jets.
American Arithmometer Co., 2100 Wash—Down draft.
American Bed Co., 1431 S. 18th—Steam jets.
American Brake Co., 2nd and Tyler—Down draft.
American Brass Co., 411 S. 2nd—Steam jets.
American Brewery, 2825 S. Broadway—Down draft.
American Car Co., 2800 De Kalb—Steam jets.
American Car Co., 2301 Kosciusko—Steam jets.
American Car Co., 1525 Old Manchester—Steam jets.
American Carbon Co., 2134 De Kalb—Steam jets.
American Hotel, near World's Fair Grounds—Steam jets.

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American Ice Co., Arkansas and Connecticut—Steam jets.
American Linseed Co., 16th and Clark—Steam jets.
American Mfg. Co., 9th and Barry—Steam jets.
American Mineral Co., 1123 S. 11th—Steam jets.
American Rattan Co., 1604 S. 2nd—Steam jets.
American Roll Paper Co., 326 S. 3rd—Steam jets.
American Steam Dye Co., 1119 Vandeventer—Electricity.
American Steam Laundry, 2039 Morgan—Down draft.
American Type Co., 200 S. 4th—Electricity.
American Wine Co., 3015 Cass—Steam jets.
Anchor Storage Co., 2nd and Washington—Steam jets.
Anchor Iron Works, 805 N. Levee—Steam jets.
Anchor Laundry, 2019 Lucas—Steam jets.
Anheuser-Busch, 2nd and Dorcas—Steam jets.
Anheuser-Busch, 8th and Pestalozzi—Down draft.
Anheuser-Busch, 11th and Lynch—Steam jets.
Anheuser-Busch, 2nd and Arsenal—Down draft.
Anheuser-Busch, 2nd and Arsenal—Down draft.
Anthony-Wayne, 124 Sidney—Steam jets.
Arlington School, Easton and Clara—Down draft.
Aude Furniture Co., 1601 Cass—Brick arches.
Baer, Oliver & Singer, 1110 Washington—Down draft.
Bagnell Flats, 4600 Delmar—Down draft.
Baker-Bayles, 509 N. 6th—Smokeless fuel.
Ball Ice Co., World's Fair—Down draft.
Bambrick-Bates, St. Louis and Union—Steam jets.
Bambrick-Bates, Grand and Forest Park boulevard—Steam jets.
Bambrick-Bates, Grand and Clark—Steam jets.
Bank of Commerce, Broadway and Olive—Down draft.
Bannantine Iron Co., Soulard and De Kalb—Steam jets.
Banner Buggy Co., Main and Rutger—Steam jets.
Banner Iron Works, Shaw and Railway—Steam jets.
Banner Rubber Co., Bittner and Kenrick—Steam jets.
Barber Asphalt Co., Park and Thurman—Steam jets.
Barnard & Co., Vandeventer and Laclede—Steam jets.
Barnes College, 30th and Lawton—Steam jets.
Barr, D. G. Co., 6th and Olive—Down draft.
Barr D. G. Co., 7th and Olive—Down draft.
Barrett Mfg. Co., Levee and Convent—Steam jets.
Barry & Wehmiller, 21st and Walnut—Electricity.
Bayle, Geo. A. Co., 111 S. 2nd —Steam jets.
Beattie Mfg. Co., 2208 Pine—Steam jets.
Bechtold Printing Co., 210 Pine—Steam jets.
Becker & Moore, 1131 Collins—Electricity.
Belcher Water Co., Lewis and O'Fallon—Steam jets.
Bell Telephone Co., 10th and Olive—Down draft.
Belz Prov. Co., 3601 S. Broadway—Steam jets.
Bemis Bag Co., 4th and Poplar—Stokers.
Benbow-Brammer, 507 Talcott—Steam jets.
Benderscheid Mfg. Co., 9th and St. Louis—Steam jets.
Bennett Belting Co., 3110 N. 11th—Steam jets.
Benoist Building, 9th and Pine—Brick arches.
Benton Laundry, Jefferson and Arsenal—Steam jets.
Benton School, Kingshighway and Terry—Down draft.
Bethesda Home, 3651 Vista—Steam jets.
Blackmer-Post, Arsenal and Railway—Steam jets.
Blackwell Book Co., 8th and Washington—Steam jets.
Blair School, 2707 Rauschenbach—Down draft.
Blanke & Bro., 604 Market—Steam jets.
Blanke Coffee Co., 7th and Clark—Down draft.
Boatmen's Bank Building, 4th and Washington—Steam jets.
Bohlinger-Shield, 16th and Poplar—Steam jets.
Boland Book Co., 420 N. 4th—Steam jets.

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Boogher Hat Co., 914 Washington—Electricity.
Bourbon Merc Co., 208 Walnut—Steam jets.
Boyce Power House, Skinker road and Railway—Down draft.
Branch Saw Co., 3000 N. Broadway—Steam jets.
Brecht Supply Co., 12th and Cass—Steam jets.
Bremen Brewery, 3905 N. Broadway—Down draft.
Breimeyer & Co., 1924 N. 9th—Smokeless fuel.
Bresch & Co., 2nd and De Soto—Steam jets.
Bridge & Beach, Main and Valentine—Steam jets.
Brinckwirth & Nolker, 18th and Cass—Down draft.
Brislin Mfg. Co., 313 N. 11th—Steam jets.
Broadway Laundry, 615 Barton—Steam jets.
Broderick & Bascom, 4501 N. Main—Steam jets.
Brown Oil Co., 815 Ohio—Down draft.
Brown Shoe Co., 11th and Washington—Steam jets.
Brown Shoe Co., 18th and Wash—Down draft.
Bruner & Co., Theresa and Gratiot—Steam jets.
Bry & Bros., 10th and Lucas—Brick arches.
Buck Stove Co., Main and Destrehan—Stokers.
Buckingham Hotel, Kingshighway and Pine—Steam jets.
Buel & Co., 907 S. 22nd—Electricity.
Buff & Rau, 9th and Soulard—Steam jets.
Burkhardt Mfg. Co., De Soto and Benedict—Down draft.
Burlington Building, 810 Olive—Down draft.
Burlington Elevator, Levee and May—Brick arches.
Busch Glass Co., Main and Dorcas—Steam jets.
Buss Flour Mill, 7550 N. Broadway—Steam jets.
Butler Bros., 13th and Washington—Brick arches.
Buxton & Skinner, 306 N. 4th—Steam jets.
C. & C. Laundry, 2934 Olive—Steam jets.
Carleton Building, 6th and Olive—Down draft.
Carleton D. G. Co., 12th and Washington—Down draft.
Carondelet Light Co., Levee and Kraus—Steam jets.
Carondelet Foundry, 2123 S. Kingshighway—Steam jets.
Carondelet Gas Co., 8700 S. Broadway—Steam jets.
Carondelet Milling Co., 7020 S. Broadway—Steam jets.
Carondelet Planing Mill, Virginia and Davis—Steam jets.
Continental Tobacco Co., Park and Lawrence—Down draft.
Cella Commission Co., 4th and Pine—Down draft.
Central Furniture Co., 2527 St. Louis—Steam jets.
Central Dye Co., 4430 Easton—Steam jets.
Century Building, 9th and Olive—Steam jets.
Century Coffee Co., 3rd and Cedar—Electricity.
Century Laundry, 4664 Easton—Steam jets.
Champ Spring Co., 2110 Papin—Steam jets.
Charless School, 2206 Shenandoah—Brick arches.
Charter Oak Stove Co., Lewis and Main—Steam jets.
Chase Bag Co., 8 N. Main—Steam jets.
Chemical Building, 8th and Olive—Down draft.
Chenoweth Dye Co., 1426 Washington—Down draft.
Cherokee Ice Co., 3333 Wisconsin—Down draft.
Christen & Sons, Main and Dock—Steam jets.
Christian Bros. College, Easton and Kingshighway—Steam jets.
Christopher & Simpson, 9th and Park—Down draft.
City Hospital, 14th and O'Fallon—Brick arches.
City Hospital, 17th and Pine—Steam jets.
City Insane Asylum, Arsenal and Macklind—Steam jets.
Claes & Lehnbeuter, 22nd and Washington—Brick arches.
Clark Leather Co., 422 N. 3rd—Electricity.
Coe, Yonge & Co., 612 St. Charles—Steam jets.
Cole & Glass, 1510 Market—Steam jets.
College Press Brick Co., 1400 College—Steam jets.
Colonial Laundry, 4020 Olive—Steam jets.

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Colonial Tobacco Co., 1815 Chouteau—Steam jets.
Colonial Trust Buliding, Locust and Broadway—Down draft.
Columbia Biscuit Co., 14th and Papin—Down draft.
Columbia Building, 8th and Locust—Down draft.
Columbia Box Co., 19th and N. Market—Steam jets.
Columbia Brewery, 32 S. 17th—Steam jets.
Columbia Brewery, 20th and Madison—Down draft.
Columbia Cooperage Co., 2717 S. 2nd—Steam jets.
Columbia Paper Co., 7th and Carr—Electricity.
Columbia Pretzel Co., 1721 De Kalb—Steam jets.
Columbia School, St. Louis and Garrison—Down draft.
Columbia Theater, 6th and St. Charles—Steam jets.
Columbian Club, 3907 Lindell—Steam jets.
Commercial Building, 6th and Olive—Steam jets.
Commonwealth Trust Co., 421 Olive—Down draft.
Compton & Son, 200 Locust—Steam jets.
Compton Heights Laundry, 2712 Park—Steam jets.
Concordia Pub. Co., Miami and Jefferson—Steam jets.
Concordia Seminary, Winnebago and Jefferson—Steam jets.
Conrades Chair Co., 2nd and Tyler—Steam jets.
Consumers Brewery, Lemp and Shenandoah—Down draft.
Continental Building, 4th and Olive—Brick arches.
Continental Glass Co., 3rd and Barton—Steam jets.
Continental Tobacco Co., 4th and Spruce—Stokers.
Convent of Good Shepherd, Gravois and Bamberger—Brick arches.
Cook Carriage Co., 2nd and Branch—Steam jets.
Cooney Mfg. Co., 900 Cass—Electricity.
Court House, Broadway and Chestnut—Steam jets.
Courtney Shoe Co., 21st and Lucas—Down draft.
Cox & Gordon, 1021 S. 3rd—Down draft.
Cramer Plate Co., Lemp and Shenandoah—Down draft.
Creamerie Restaurant, 606 Washington—Steam jets.
Crescent Planing Mill, 3227 N. 9th—Steam jets.
Crystal Water Co., 2020 Walnut—Steam jets.
Cupples Env. Co., 6th and Cerre—Steam jets.
Curran Printing Co., 3rd and Locust—Electricity.
Curtis Mfg. Co., 22nd and Washington—Steam jets.
Deere Plow Co., 2nd and Monroe—Electricity.
Degge & Musick, 717 Market—Steam jets.
Dehner & Wuerpel, 1611 S. 3rd—Steam jets.
De Hodiamont Mill, De Hodiamont and Minerva—Steam jets.
Diederich Furniture Co., 2nd and Tyler—Steam jets.
Dittman Shoe Co., University and Jefferson—Steam jets.
Dodson-Braun, 3rd and Cedar—Down draft.
Dodson-Braun, 813 S. 6th—Steam jets.
Dolph Building, 7th and Locust—Steam jets.
Douglas Building, Broadway and Market—Electricity.
Dozier School, Goodfellow and Maple—Down draft.
Drey & Kahn, 11th and St. Charles—Steam jets.
Dumas School, 1413 Lucas—Down draft.
Eagle Vinegar Co., Lyon and Lynch—Steam jets.
Eggers Milling Co., 8th and Clark—Air blast.
Ehlermann Hop Co., 22nd and Scott—Steam jets.
Eickhoff Furniture Co., 21st and Palm—Steam jets.
Elliott School, Grove and Florissant—Down draft.
Ellison & Sons, 1018 N. 6th—Steam jets.
Ely-Walker, 8th and Washington—Steam jets.
Embree-McLean, 1817 Olive—Steam jets.
Emerson Elec. Co., 21st and Washington—Electricity.
Emerson School, Arlington and Page—Down draft.
Empire Brewery, Sarah and Railway—Down draft.
Empire Laundry, 2310 N. Market—Steam jets.
Engelke-Feiner, 816 S. Broadway—Steam jets.

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Equitable Building, 6th and Locust—Down draft.
Ernst Furniture Co., 9th and Palm—Steam jets.
Evans & Co., 504 N. 2nd—Steam jets.
Evens & Howard, Cheltenham—Steam jets.
Evers Wood Co., 1441 N. 8th—Steam jets.
Excelsior Brewery, 17 S. 17th—Down draft.
Excelsior Laundry, 1521 Vail place—Down draft.
Excelsior Laundry, 1012 N. Grand—Down draft.
Excelsior Shirt Co., 4231 Cozens—Steam jets.
Eyermann & Bro., Grand and Hickory—Steam jets.
Fahren & Becker, 1124 Locust—Down draft.
Fairbanks & Co., 3rd and Convent—Down draft.
Fathman & Miller, Chouteau and Manch—Steam jets.
Fechtel & Co., 2021 Wash—Steam jets.
Federal Chem. Co., Main and Dock—Steam jets.
Federal Lead Co., Cheltenham—Steam jets.
Fehlig & Co., LaSalle and Caroline—Steam jets.
Fehlig Box Co., 1923 Wash—Steam jets.
Female Hospital, 5700 Arsenal—Down draft.
Ferguson-McKinney, 13th and Cass—Steam jets.
Ferguson-McKinney, 10th and Locust—Steam jets.
Ferguson-McKinney, 12th and Washington—Down draft.
Fernholtz Brick Co., Manch and Boyle—Steam jets.
Ferris Wheel, World's Fair—Smokeless fuel.
Field School, Olive and Taylor—Down draft.
Finck Mineral Co., Levee and Barton—Steam jets.
Art Building, World's Fair—Smokeless fuel.
Forbes Tea Co., 112 Locust—Electricity.
Four Courts, 12th and Clark—Steam jets.
Fox Planing Mill, Sidney and Ohio—Steam jets.
Frankenthal Building, 819 Washington—Steam jets.
Frederick & Bro., 2548 Sullivan—Steam jets.
Friedman & Co., 801 Lucas—Down draft.
Friedman & Co., 9th and Washington—Down draft.
Friedman & Co., Madison and Jefferson—Down draft.
Friedman & Co., 3417 Locust—Down draft.
Frisco Round House, 3800 Chouteau—Steam jets.
Frisco Freight Office, 7th and Cerre—Down draft.
Frisco Building, 9th and Olive—Down draft.
Fritsch Foundry, 212 Gratiot—Steam jets.
Fritz Foundry, 2008 S. 3rd—Steam jets.
Froebel School, Nebraska and Minnesota—Down draft.
Fruin & Bambrick, Spring and Chouteau—Steam jets.
Frye & Co., 1502 Market—Steam jets.
Fullerton Building, 7th and Pine—Steam jets.
Fulton Iron Works, 2nd and Carr—Down draft.
Brown Shoe Co., 12th and Russell—Stokers.
Gaier & Stroh, 507 N. Broadway—Steam jets.
Ganahl Mfg. Co., 101 Geyer—Steam jets.
Garfield School, Wyoming and Jefferson—Down draft.
Gast Banknote Co., 21st and Morgan—Steam jets.
Gast Brewery, 8895 N. Broadway—Steam jets.
Gaus & Son, Main and Clinton—Steam jets.
Gaus-Langenberg Co., 9th and St. Charles—Steam jets.
Gay Central Building, 204 N. 3rd—Steam jets.
Geisel & Co., 2nd and Clark—Steam jets.
Gerber & Co., 2627 Montgomery—Steam jets.
Gerhardt's Block, Maryland and Euclid—Down draft.
German Church and School, 2333 Benton—Steam jets.
German Alps, World's Fair—Smokeless fuel.
Gerst Bros., 8th and Cass—Electricity.
Gewinner Sausage Co., 1429 S. Broadway—Steam jets.
Glendale Zinc Co., Blow and Water—Steam jets.

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Globe-Democrat Buildings, 6th and Pine—Down draft.
Globe Iron Co., 901 Victor—Steam jets.
Globe Pickle Co., 221 Elm—Steam jets.
Globe Shoe Co., 7th and Franklin—Brick arches.
Goeke & Co., Sidney and Railway—Steam jets.
Goessling Box Co., Blair and Mullanphy—Brick arches.
Goldman Co., 503 S. 3rd—Steam jets.
Goodbar & Co., Vandeventer and Laclede—Steam jets.
Goodfellow Shoe Co., 822 Washington—Down draft.
Goodwin Mfg. Co., Rankin and Chouteau—Steam jets.
Goodwin Mfg. Co., Theresa and Chouteau—Steam jets.
Grafeman Dairy, 21st and Morgan—Steam jets.
Graham Paper Co., Main and Brooklyn—Electricity.
Grand Avenue Hotel, Grand and Olive—Steam jets.
Grand Avenue Masonic Temple, 1038 N. Grand—Steam jets.
Grand Billiard Hall, 6th and Pine—Down draft.
Grand Laundry, Cardinal and Lawton—Down draft.
Grand Opera House, 516 Market—Steam jets.
Grand Restaurant, 105 N. 6th—Steam jets.
Granite Building, 4th and Market—Steam jets.
Granite Rolling Mills, 3400 N. 2nd—Steam jets.
Grant School, Gravois and Pennsylvania—Down draft.
Gravois Planing Mill, Gravois and Juniata—Brick arches.
Great Western Mill, 400 St. George—Steam jets.
Greeley Printery, 2nd and Lucas—Steam jets.
Green & Sons, 408 N. Broadway—Steam jets.
Green Tree Brewery, 9th and Sidney—Down draft.
Green Tree Bottle Shop, 11th and Victor—Brick arches.
Green's Car Wheel Co., 9th and Dock—Steam jets.
Green's Car Wheel Co., 3018 N. Broadway—Steam jets.
Gregg Coffee Co., 7th and Elm—Steam jets.
Gregg Varnish Co., Grand and McKissock—Steam jets.
Gregory Laundry, 4958 Suburban—Steam jets.
Griesedieck Ice Co., 13th and Papin—Steam jets.
Griesedieck Malt Co., 1104 Park—Steam jets.
Grone Brewery, 2217 Clark—Down draft.
Gruendler & Co., 218 Soulard—Electricity.
Gruensfelder & Co., 2029 Shenandoah—Steam jets.
Gruendler Mch. Co., 928 N. Main—Electricity.
Gundlach & Co., 2817 N. 23rd—Steam jets.
Haas Soap Co., Main and Benedict—Steam jets.
Haeger and Sons, 2427 De Kalb—Down draft.
Hafner Mfg. Co., Main and Dock—Down draft.
Hahn & Mayer, 944 N. Main—Steam jets.
Hall & Brown, Broadway and Tyler—Down draft.
Hamilton-Brown, Jefferson and Randolph—Down draft.
Hamilton-Brown, 8th and Marion—Down draft.
Hamilton-Brown, 12th and Washington—Down draft.
Hamilton-Brown, 21st and Locust—Down draft.
Hamilton Hotel, Maple and Hamilton—Down draft.
Hammar Paint Co., 1220 Spruce—Steam jets.
Hammer Plate Co., Ohio and Miami—Steam jets.
Hanley & Kinsella, 717 Spruce—Steam jets.
Hanpeter & Co., 11th and Palm—Steam jets.
Hargadine-McKittrick, 9th and Washington—Down draft.
Harris Mfg. Co., Levee and Barton—Steam jets.
Hartenbach & Co., 2216 Chouteau—Steam jets.
Hartmann Furniture Co., 1101 Olive—Steam jets.
Hartmann Hide Co., 1905 Shenandoah.
Hartmann Hide Co., 171 Carroll—Steam jets.
Hawley Trunk Co., 16th and Walnut—Down draft.
Hawley Iron Co., 10th and Spruce—Steam jets.
Healy & Co., 12th and Olive—Down draft.

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Heibel & Sons, 1501 S. 2nd—Steam jets.
Heidbreder Ice Co., 12th and Palm—Brick arches.
Heil Packing Co., 1108 Missouri—Steam jets.
Heman & Co., 13th and Morrison—Steam jets.
Heine Boiler Co., 1213 Merchants—Steam jets.
Heller-Hoffman, 8th and Howard—Electricity.
Helmbacher Rolling Mill, De Kalb and Barton—Steam jets.
Heman & Co., Spring and Forest Park—Steam jets.
Herman Leather Co., 4024 N. Main—Steam jets.
Herriott Bros., 2801 N. Broadway—Steam jets.
Heydt Bakery, 1609 Biddle—Steam jets.
High School, Grand and Windsor—Down draft.
Hoffman Cooperage Co., Broadway and Poepping—Steam jets.
Holland Building, 211 N. 7th—Down draft.
Holman Paper Co., 8th and Chouteau—Steam jets.
Holste & Co., 343 De Soto—Steam jets.
Holtgrew & Co., 10th and Howard—Steam jets.
Home Brewery, 3600 S. Broadway—Steam jets.
Home Cotton Mills, 2nd and Barton—Down draft.
Home Dairy, 913 N. Jefferson—Smokeless fuel.
Home Laundry, 4418 Easton—Steam jets.
Horn's Bakery, 6th and Morgan—Steam jets.
Horn's Hotel, 704 Pine—Steam jets.
Hotel Beers, Grand and Olive—Down draft.
Hotel Comfort, 18th and Market—Steam jets.
Hotel Garni, 2603 Olive—Down draft.
House of Refuge, Louisiana and Osage—Steam jets.
Housekeepers' Laundry, 18th and Locust—Steam jets.
Houser Building, 5th and Chestnut—Down draft.
Hoyt Metal Co., Boyle and Clayton—Steam jets.
Hurster Laundry, 2508 S. Jefferson—Steam jets.
Huttig Sash Co., 1206 Old Manchester—Down draft.
Hyde Park Brewery, Salisbury and Florissant—Down draft.
Hydraulic Brick Co., Kingshighway and Railway—Steam jets.
Hydraulic Brick Co., No. 2—Steam jets.
Hydraulic Brick Co., No. 3—Steam jets.
Hydraulic Brick Co., No. 4—Steam jets.
Hydraulic Brick Co., Nos. 5 and 7—Steam jets.
Hydraulic Brick Co., No. 6, Gravois and Chippewa.
Hydraulic Brick Co., No. 11—Stokers.
Ideal Laundry, 3304 Lawton—Steam jets.
Illig & Hartman, 211 Pine—Steam jets.
Imperial Laundry, 2809 Chouteau—Steam jets.
Independent Packing Co., 3857 Chouteau—Steam jets.
Independent Packing Co., Broadway and Warren—Steam jets.
Inside Inn, World's Fair—Brick arches.
Irish Village, World's Fair—Smokeless fuel.
Irving School, 25th and Bremen—Down draft.
Jackson School, Madison and Hogan—Down draft.
Jefferson School, 9th and Washington—Down draft.
Joering & Co., 2501 Montgomery—Steam jets.
Johansen & Co., 921 N. 11th—Steam jets.
Johnston Tin Foil Co., 6020 S. Broadway—Steam jets.
Joy Planing Mill, Monroe and Broadway—Steam jets.
Judge & Co., 1819 Pine—Steam jets.
Kary & Sons, 816 Lucas—Smokeless fuel.
Kay & Pim, Broadway and Monroe—Down draft.
Kayser & Nies, 3619 N. Broadway—Steam jets.
Keim & Co., 147 Dorcas—Steam jets.
Keiser Building, Broadway and Pine—Steam jets.
Keller & Tamm, Main and Victor—Steam jets.
Kellogg & Co., 3rd and Walnut—Electricity.
Kennard & Son, 4th and Washington—Down draft.

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Kennard & Son, 316 Vine—Steam jets.
Kenrick Seminary, 19th and Cass—Brick arches.
Kern & Co., 22nd and Chestnut—Steam jets.
Kerwin & Co., 921 N. 6th—Steam jets.
Kessler & Sons, 3217 N. Broadway—Steam jets.
Kinealze & Son, Penrose and Florissant—Steam jets.
Kingsland Mfg. Co., 1521 N. 11th—Steam jets.
Kingsland & Ferguson, 2nd and Franklin—Electricity.
Klausmann Brewery, 8639 S. Broadway—Down draft.
Koenig Furniture Co., 15th and Montgomery—Steam jets.
Kohrman & Co., 1409 S. 12th—Electricity.
Koken & Co., Sidney and Ohio—Steam jets.
Koken Iron Works, Vandeventer and Vista—Steam jets.
Koons Planing Mill, 115 Clinton—Brick arches.
Kraushaar Lamp Co., 2510 N. 9th—Steam jets.
Kriegel & Co., 1401 N. 18th—Steam jets.
Krenning & Co., 816 N. 3d—Electricity.
Krey Packing Co., 21st and Bremen—Steam jets.
Kunkel Moulding Co., 1924 Division—Steam jets.
Kunz Malt Co., 1313 Ann—Steam jets.
Kupferle Mfg. Co., 2nd and Mound—Electrcity.
Laclede Building, 4th and Olive—Steam jets.
Laclede Car Co., 2nd and Douglas—Steam jets.
Laclede Fire Brick Co., Cheltenham—Steam jets.
Laclede Gaslight Co., 2nd and Convent—Steam jets.
Laclede Gaslight Co., Main and Mound—Steam jets.
Laclede Gaslight Co., Evans and Sarah—Smokeless fuel.
Laclede Gaslight Co., Chouteau and Newstead—Smokeless fuel.
Laclede Gaslight Co., Main and Rutger—Steam jets.
Laclede Gaslight Co., 3700 S. Broadway—Smokeless fuel.
Laclede Hotel, 6th and Chestnut—Down draft.
Laclede Laundry, 2909 Pine—Steam jets.
Laclede Power Co., Lewis and Ashley—Brich arches.
Ladies of Sacred Heart, Taylor and Maryland—Brick arches.
Lambert & Co., 21st and Locust—Down draft.
Lammert & Co., 4th and Washington—Down draft.
Landis Machine Co., 1525 N. 25th—Steam jets.
Lange Laundry, 2008 S. Jefferson—Steam jets.
Lange Pub. Co., 3600 Texas—Steam jets.
LaPrelle Shoe Co., Jefferson and Mullanphy—Steam jets.
Larkin & Schaeffer, 109 St. George—Brick arches.
Lasher & Co., 2722 S. 3d—Steam jets.
Laux & Son, 113 Russell—Steam jets.
Leader Laundry, 2315 Texas—Steam jets.
Lecontour Bros., 3015 Salena—Steam jets.
Lemp Brewery, 13th and Cherokee—Down draft.
Leroy Furniture Co., Blair and Mullanphy—Steam jets.
Leschen & Sons, Hamilton and Maffitt—Down draft.
Levis-Zukoski, 11th and Wash—Down draft.
Lewis & Co., 1521 Poplar—Steam jets.
Lewis Mercantile Co., 8th and Lucas—Brick arches.
Liebke Mills, 2nd and Buchanan—Steam jets.
Liggett & Myers, Tower Grove and Folsom—Steam jets.
Lincoln Trust Building, 7th and Chestnut—Down draft.
Lindell Hotel, 6th and Washington—Steam jets.
Linmar Building, Washington and Vandeventer—Down draft.
Linstroh Wagon Co., 2622 LaSalle—Steam jets.
Liquid Carbonic Co., 3417 Barnard—Steam jets.
Little & Becker, 314 N. 3d—Steam jets.
Little Sisters of the Poor, Grand and Cherokee—Down draft.
Logeman Furniture Co., 2nd and Chambers—Steam jets.
Lohse Door Co., Kingshighway and Railway—Steam jets.
Lothman & Co., Angelica and river—Steam jets.

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L'Overture School, 2612 Papin—Down draft.
Loy-Lange, 3rd and Russell—Down draft.
Lucas Building, Broadway and Olive—Steam jets.
Ludlow-Saylor, Newstead and Railway—Down draft.
Lungstras & Co., 1330 Park avenue—Down draft.
McGoogan & Co., 212 Morgan—Electricity.
McKinney Bread Co., Jefferson and Carr—Steam jets.
Madison Hotel—Broadway and Chestnut—Down draft.
Magnetite Foundry, 3820 Manchester—Steam jets.
Majestic Mfg. Co., 2018 Morgan—Steam jets.
Mallinckrodt Chem. Co.—Down draft.
Manewal-Lange, 15th and Clark—Stokers.
Manewal-Lange, 7th and Cass—Steam jets.
Marquette School, 40th and McPherson—Down draft.
Marshall School, Lucky and Newstead—Down draft.
Marx & Haas, 13th and Washington—Down draft.
Masonic Home, 5351 Delmar—Steam jets.
Materne Mfg. Co., 18th and Gratiot—Electricity.
Mathiason & Co., 5310 N. 2nd—Steam jets.
Maull Bros., 13th and St. Louis—Down draft.
May & Co., 6th and Washington—Steam jets.
May & Co., Broadway and Morgan—Down draft.
May, Stern & Co., 11th and Olive—Electricity.
Mayer Mfg. Co., 5302 N. Main—Steam jets.
Mechanics Mill, 3742 N. Broadway—Steam jets.
Medart & Co., 3500 DeKalb—Down draft.
Meier & Co., 711 N. 4th—Steam jets.
Meier & Co., 14th and Palm—Steam jets.
Meinecke & Co., 3921 Lee—Steam jets.
Mellon & Co., 10th and Mullanphy—Steam jets.
Meratta Building, Vandeventer and Olive—Down draft.
Mercantile Club, 7th and Locust—Down draft.
Mercantile Laundry, 3319 Manchester—Steam jets.
Merchants Elevator, Florida and River—Steam jets.
Merchants Exchange, 3rd and Pine—Down draft.
Merck & Co., 4600 S. Broadway—Steam jets.
Mermod-Jaccard, Broadway and Locust—Steam jets.
Mesker Bros., 525 S. 6th—Steam jets.
Messmer & Co., 2700 S. 7th—Steam jets.
Meyer-Bannerman, 614 N. 6th—Steam jets.
Meyer Bros., 4th and Clark—Steam jets.
Milliken & Co., 316 Clark—Steam jets.
Mills & Averill, Broadway and Pine—Steam jets.
Mississippi Glass Co., Main and Angelica—Steam jets.
Mississippi Valley Elevator, Levee and Madison—Brick arches.
Mo. Baptist Sanitarium, 915 N. Taylor—Steam jets.
Mo. Belting Co., 120 S. Commercial—Steam jets.
Mo. Can Co., Hall and Branch—Steam jets.
Mo. Cotton Co., 3rd and Lynch—Steam jets.
Mo.-Edison Co., 20th and Locust—Steam jets.
Mo.-Edison Co., 19th and Gratiot—Steam jets.
Mo. Excelsior Co., 2445 Kosciusko—Steam jets.
Mo. Brick Co., Cheltenham—Steam jets.
Mo. Furniture Co., 1440 N. 20th—Steam jets.
Mo. Granite Co., 3410 Gratiot—Steam jets.
Mo. Lamp Co., 114 Elm—Steam jets.
Mo. Pacific Building, 7th and Market—Steam jets.
Mo. Pacific Frt. Office, 7th and Poplar—Steam jets.
Mo. Pacific Shops, Montrose and Chouteau—Steam jets.
Mo. School, 1827 Morgan—Brick arches.
Mo. Trunk Co., 503 S. 3rd—Steam jets.
Mo. Trust Building, 7th and Olive—Steam jets.
Mitchell Clay Co., 5625 Manchester—Steam jets.

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The Model, 7th and Washington—Down draft.
Modern Pl. Mill, 3016 Gravois—Brick arches.
Moffitt-West, 301 S. Broadway—Steam jets.
Monarch Laundry, 2719 Franklin—Steam jets.
Monroe School, Broadway and Missouri—Down draft.
Monsanto Chem. Co., 1806 S. 2nd—Down draft.
Monticello Hotel, Kingshighway and Pine—Steam jets.
Moon Bros., McKissock and Gano—Steam jets.
Moon & Co., 8th and Mullanphy—Electricity.
Moon & Co., 2nd and Douglas—Steam jets.
Moran & Co., Main and Florida—Steam jets.
More-Jones, Broadway and Branch—Steam jets.
Morrison & Co., 1623 S. Broadway—Steam jets.
Morse & Co., Gano and Benedict—Steam jets.
Moser Box Co., 208 Elm—Steam jets.
Moser Hotel, 809 Pine—Down draft.
Mound City Chair Co., 2nd and Brooklyn—Electricity.
Mound City Const. Co., Marcus and Ashland—Steam jets.
Mound City Dist. Co., 2116 S. 2nd—Steam jets.
Mound City Excelsior Co., 2410 N. 10th—Steam jets.
Mound City Ice Co., 3015 N. Broadway—Steam jets.
Mound Paint Co., 2nd and Howard—Steam jets.
Mound Paint Co., Boyle and Clayton—Steam jets.
Mound Coffin Co., 2nd and Chambers—Steam jets.
Mullanphy Hospital, Montgomery and Garrison—Steam jets.
Munger's Laundry, 2308 Washington—Down draft.
Murman & Co., 3858 Garfield—Steam jets.
Murphy & Co., Jefferson and Morgan—Brick arches.
Murphy Trunk Co., 3rd and St. Charles—Down draft.
Murphy Varnish Co., 300 S. 4th—Steam jets.
Myers Lye Co., 220 S. 3rd—Electricity.
Myrose Lamp Co., 4th and Gratiot—Electricity.
Nat. Ammonia Co., 3600 N. Broadway—Stokers.
Nat. Biscuit Co., 16th and Morgan—Steam jets.
Nat. Biscuit Co., 6th and Cass—Steam jets.
Nat. Brewery, 18th and Gratiot—Steam jets.
Nat. Laundry, Channing and Laclede—Steam jets.
Nat. Lead Co., 10th and Clark—Steam jets.
Nelson & Co., 8th and St. Charles—Steam jets.
Newcomb Bros., 7th and Locust—Electricity.
New St. James Hotel, Broadway and Walnut—Steam jets.
Niebert & Bro., 1004 Missouri—Steam jets.
Nixdorf-Krein, 9th and Howard—Down draft.
Nolker Bldg., 3rd and Chestnut—Steam jets.
No. St. L. Mch. Co., 3005 N. Broadway—Electricity.
N. St. L. Mill, Grand and Carter—Steam jets.
N. W. Life Ins. Co., Main and Walnut—Steam jets.
Norvell-Shapleigh, 4th and Washington—Down draft.
Nugent Bros., Broadway and Washington—Down draft.
Nulsen & Klein, Sidney and Levee—Steam jets.
Obert's Brewery, 2700 S. 12th—Down draft.
O'Brien Boiler Co., 11th and Mullanphy—Down draft.
Odd Fellows Bldg., 816 Olive—Steam jets.
Odeon Laundry, 2219 S. 9th—Steam jets.
Olcott Pl. Mill, 2nd and Buchanan—Steam jets.
Oriel Bldg., 6th and Locust—Steam jets.
Ostermann & Co., 405 N. 2nd—Electricity.
Oswald Wood Co., 2219 Bismarck—Steam jets.
Paris Med. Co., 2624 Pine—Steam jets.
Parker & Co., 213 Market—Down draft.
Parker & Co., 1116 Bissell—Steam jets.
Parrish Laundry, Cardinal and Olive—Steam jets.
Pauk & Sons, 1317 N. 15th—Steam jets.

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Pauly Jail Co., 2215 De Kalb—Steam jets.
Peabody School, 18th and Carroll—Down drafts.
Peerless Laundry, 2137 Clark—Down draft.
Peckham & Co., 7th and Spruce—Down draft.
Penrose School, 2824 Madison—Steam jets.
Christian Peper Co., Main and Morgan—Steam jets.
Pepmiller & Co., 2117 N. 9th—Steam jets.
Perkinson & Co., Blair and Penrose—Steam jets.
Perry Pie Co., 823 S. 10th—Electricity.
Pestel Cooperage Co., 2834 Bismarck—Steam jets.
Peters & Co., 1431 N. 15th—Brick arches.
Peters & Co., 1108 N. Market—Steam jets.
Peters & Co., 13th and Washington—Down draft.
Peters & Co., St. Louis and Jefferson—Steam jets.
Peters & Co., 11th and Monroe—Steam jets.
Petersen & Co., Lyon and Lynch—Steam jets.
Pfenninger Bakery, 1409 S. 8th—Steam jets.
Phoenix Brewery, 18th and Lafayette—Down draft.
Phoenix Mill, 12th and Spruce—Steam jets.
Pickel Stone Co., 1320 Old Manchester—Steam jets.
Pickel & Son, 20th and Gratiot—Steam jets.
Pickel & Co., La Beaume and Broadway—Steam jets.
Pioneer Cooperage Co., 2212 De Kalb—Steam jets.
Plant Milling Co., Main and Chouteau—Steam jets.
Planters' Hotel, 4th and Pine—Down draft.
Platt & Co., 816 N. 7th—Steam jets.
Pleuger & Co., 11th and Hebert—Steam jets.
Polar Wave Ice Co., Cook and Leonard—Stokers.
Polar Wave Ice Co., Smith and Lewis—Steam jets.
Polar Wave Ice Co., Newstead and Railway—Down draft.
Poor House, Arsenal and Dalton—Down draft.
Poorman & Co., 929 N. 2nd—Steam jets.
Pope School, Laclede and Ewing—Down draft.
Post-Dispatch, 210 N. Broadway—Steam jets.
Powitzsky & Co., 2nd and Grand—Steam jets.
Priester's Rest., 3rd and Washington—Steam jets.
Progress Brick Co., Kingshighway and Railway—Steam jets.
Progressive Paper Box Co., 322 Clark—Brick arches.
Provident Association, 1726 N. 13th—Brick arches.
Provident Chem. Co., 8011 S. 8th—Steam jets.
Prufrock Furn. Co., 1538 N. 8th—Steam jets.
Pullman Co., 22nd and Railway—Stokers.
Purity Ice Cream Co., 2212 Pine—Steam jets.
Quick Meal Stove Co., 819 Chouteau—Steam jets.
Railway Exchange Building, 4th and Chestnut—Brick arches.
Ramming & Co., Main and Clark—Steam jets.
Red Cross Co., 204 S. Main—Steam jets.
Red Diamond Co., 825 N. 8th—Steam jets.
Regina Mills, Main and Plum—Steam jets.
Reliance Tool Co., Franklin and Channing—Steam jets.
Republic Bldg., 7th and Olive—Down draft.
Rialto Bldg., 4th and Olive—Down draft.
Rice-Stix Co., 10th and Wash—Down draft.
Riddick School, Evans and Whittier—Down draft.
Riddle & Bro., 1400 Hogan—Seam jets.
Riddle & Co., 13th and O'Fallon—Brick arches.
Roberts Shoe Co., Mississippi and Hickory—Down draft.
Roberts Shoe Co., 10th and Washington—Brick arches.
Roberts Shoe Co., 12th and Cass—Down draft.
Roe Building, Broadway and Pine—Steam jets.
Rogers Elevator Co., Levee and Bremen—Steam jets.
Rohan & Sons, 1207 Lewis—Steam jets.
Rosenthal & Co., 810 Lucas—Steam jets.

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Rosenthal & Co., 1015 Washington—Brick arches.
Roth Tool Co., 2122 Chouteau—Steam jets.
Rothschild Bros., 11th and Washington—Steam jets.
Rowley Lead Co., 711 S. Theresa—Steam jets.
Rozier Hotel, 13th and Olive—Brick arches.
Ruemmeli-Dawley, Chouteau and Railway—Steam jets.
Rumsey Mfg. Co., 820 N. 2nd—Steam jets.
Rumsey & Co., 19th and Pine—Steam jets.
Salvation Army, 8th and Walnut—Steam jets.
Sanders Min. Water Co., 2807 Lawton—Steam jets.
Sanitary Works, Levee and Gasconade—Down draft.
Sanitary Works, 2nd and St. Louis—Steam jets.
Saxony Mills, 312 Lombard—Steam jets.
Scarritt-Comstock, Broadway and Locust—Brick arches.
Schaab Laundry, 2302 Walnut—Steam jets.
Schaeffer Bros., Barton and Kosciusko—Steam jets.
Schaper Bros., 815 N. Broadway—Steam jets.
Schaperkotter & Co., 1221 Montgomery—Electricity.
Schmidt Mill, Victor and Iowa—Steam jets.
Schmitz & Shroder, 6th and St. Charles—Steam jets.
Schoellhorn & Co., 416 N. Main—Electricity.
Schoenlaub & Kukkuck, Levee and Fillmore—Steam jets.
Schoenthaler & Co., 1017 Chouteau—Steam jets.
Shorr Brewery, Natural Bridge Road and Prairie—Down draft.
Schotten & Co., 300 S. Broadway—Down draft.
Schreiber & Co., 1814 N. 18th—Down draft.
Scruggs & Co., Broadway and Locust—Steam jets.
Scullin & Co., Manchester and Kraft—Brick arches.
Schweer & Co., 4310 S. Broadway—Steam jets.
Security Bldg., 4th and Locust—Down draft.
Seekamp & Co., 305 Gratiot—Electricity.
Seibel & Co., 2nd and Lombard—Steam jets.
Sessinghaus Mills, 9th and N. Market—Steam jets.
Seward & Co., 525 N. Main—Steam jets.
Sherman School, Flad and Vandeventer—Down draft.
Shield School, 1119 N. 7th—Down draft.
Shultz Belting Co., Bismarck and Barton—Steam jets.
Sickles & Co., 21st and Washington—Electricity.
Sieford Pork Co., 2903 Hickory—Steam jets.
Simmons & Co., Broadway and St. Charles—Down draft.
Simmons School, Lambdin and St. Louis—Down draft.
Singer Bros., 9th and Lucas—Steam jets.
Smith Academy, 18th and Washington—Steam jets.
Smith & Davis, 20th and Locust—Down draft.
Summers Bros., 3439 N. Broadway—Steam jets.
Sonnenfeld & Co., Broadway and St. Charles—Steam jets.
Souther & Co., 2nd and Clinton—Electricity.
Southern Cooperage Co., 110 Victor—Steam jets.
Southern Hotel, Broadway and Walnut—Steam jets.
S. Side Laundry, 1412 S. Broadway—Steam jets.
S. St. L. Foundry, Broadway and Water—Steam jets.
Southern Lead Co., Main and Lombard—Steam jets.
Southwestern Straw Co., 2501 Benton—Smokeless Fuel.
Southwestern Straw Co., 409 Wash—Steam jets.
Spohr & Co., Montrose and LaSalle—Steam jets.
Spieler Malt Co., 1542 S. 7th—Electricity.
Sprague Delicatessen, 1900 Locust—Down draft.
Spuck & Co., 14th and Branch—Steam jets.
Standard Mch. Co., Spring and Forest Park—Steam jets.
Standard Mills, 1026 S. 11th—Down shaft.
Standard Mfg. Co., 1819 N. 17th—Steam jets.
Standard Preserving Co., 215 S. 2nd—Steam jets.
Standard Stamping Co., 2nd and Chambers—Down draft.

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Standard Laundry, 7110 S. Broadway—Steam jets.
Star Bedding Co., 712 N. Commercial—Steam jets.
Star Egg Co., 509 N. Main—Steam jets.
Staten Dyeing Co., 2306 Washington—Steam jets.
Staudt & Co., De Kalb and Soulard—Steam jets.
Stecher Cooperage Co., 2931 S. 7th—Steam jets.
Stegman Tool Co., 1601 N. 17th—Electricity.
Steinwender & Co., 412 S. 7th—Steam jets.
Stewart Boiler Co., 906 S. 23d—Down draft.
Stifel Brewery, 14th and Howard—Down draft.
Stifel Bldg., 904 Pine—Down draft.
Stifel & Co., Marcus and Natural Bridge—Steam jets.
Stifel & Co., Main and Kosciusko—Steam jets.
Stix & Co., Broadway and Washington—Down draft.
Stobie Mills, 711 N. 2nd—Steam jets.
Stock Exchange, 310 N. 4th—Brick arches.
Stoddard School, Lucas and Ewing—Down draft.
Strauss & Co., 801 Washington—Steam jets.
Stromberg & Co., 13th and Chestnut—Down draft.
Stuckstead Foundry, 1312 S. 2nd—Steam jets.
Studley & Co., 511 Market—Steam jets.
Stupp Bros., 7th and Shenandoah—Steam jets.
Superior Laundry, 1747 S. 18th—Steam jets.
Superior Paste Co., 2015 N. 15th—Steam jets.
Superior Brick Co., 2015 N. 15th—Steam jets.
Superior Brick Co., Oak Hill Sta.—Steam jets.
St. L. Axle Co., Soulard and De Kalb—Steam jets.
St. L. Bell Co., 2836 S. 3rd—Smokeless fuel.
St. L. Furnace Co., Broadway and Soper—Steam jets.
St. L. Box Co., 721 S. 2nd—Steam jets.
St. L. Brewery, 21st and Chouteau—Down draft.
St. L. Supply Co., 1537 N. 15th—Electricity.
St. L. Candy Co., 6th and Spruce—Down draft.
St. L. Car Co., Spring and Railway—Steam jets.
St. L. Chronicle, 14 S. 6th—Steam jets.
St. L. Club, 3633 Lindell—Down draft.
St. L. Coffin Co., 1829 Chouteau—Steam jets.
St. L. Cooperage Co., Levee and Arsenal—Steam jets.
St. L. Cordage Co., Menard and Soulard—Steam jets.
St. L. Corset Co., 1900 Morgan—Electricity.
St. L. Stone Co., 3535 Gratiot—Steam jets.
St. L. Dairy Co., 2008 Pine—Steam jets.
St. L. Dressed Beef Co., Papin and Manchester—Down draft.
St. L. Enameling Co., 9th and Monroe—Electricity.
St. L. Furn. Co., 25th and Palm—Steam jets.
St. L. Hide Co., 2nd and Talcott—Steam jets.
St. L. Ice Co., Main and Plum—Steam jets.
St. L. Iron Co., Main and Chouteau—Steam jets.
St. L. Last Co., 13th and Palm—Steam jets.
St. L. Lead Co., Howard Sta.—Steam jets.
St. L. Rod Co., 3rd and Geyer—Steam jets.
St. L. Paper Co., 2037 Randolph—Steam jets.
St. L. Paper Co., 717 N. 2d—Smokeless fuel.
St. L. Prov. Association, 1623 Washington—Steam jets.
St. L. Cold Storage Co., Lewis and O'Fallon—Stokers.
St. L. Sash Co., 2nd and Dock—Steam jets.
St. L. Screw Co., 13th and Palm—Down draft.
St. L. Star Bldg., 12th and Olive—Down draft.
St. L. Engine Co., 16 S. Commercial—Steam jets.
St. L. Syrup Co., Collins and Dickson—Steam jets.
St. L. Terra Cotta Co., 5815 Manchester—Steam jets.
St. L. Transit Co., N. Market and Prairie—Down draft.
St. L. Transit Co., 2nd and Mallinckrodt—Stokers.

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St. L. Transit Co., Park and Vandeventer—Stokers.
St. L. Transit Co., Park and Vandeventer—Down draft.
St. L. Transit Co., Missouri and Geyer—Down draft.
St. L. University, Grand and Pine—Steam jets.
St. L. Weiss Beer Co., 3109 N. 11th—Steam jets.
St. L. Well Co., Newstead and Railway—Steam jets.
St. L. Whiting Co., Levee and Kraus—Steam jets.
St. L. Woodenware Co., 1st and St. George—Steam jets.
St. L. Work House, Broadway and Meramec—Steam jets.
St. L. & Suburban Ry., DeHodiamont—Down draft.
St. Joseph Asylum, 4701 S. Grand—Down draft.
St. Mary Infirmary, 1536 Papin—Steam jets.
St. Nicholas Hotel, 8th and Locust—Down draft.
St. Vincent Home, 1421 Hogan—Steam jets.
Tamm Bros., Sarpy and Vandeventer—Steam jets.
Temple Bldg., Broadway and Walnut—Steam jets.
Tennent Shoe Co., 1226 Washington—Down draft.
Tennent Shoe Co., 23rd and O'Fallon—Steam jets.
Terminal Railway, 18th and Market—Steam jets.
Teuscher Bros., 9 N. 3rd—Steam jets.
Thalmann Ink Co., 2117 Singleton—Down draft.
Thieling & Co., 9th and Bremen—Steam jets.
Thym Cut Stone Co., Park and Dolman—Steam jets.
Tower Grove Mill, Kentucky and Manchester—Steam jets.
Trorlicht & Co., 4th and Washington—Down draft.
Tuxedo Laundry, 3936 Laclede—Steam jets.
Union Biscuit Co., 6th and Carr—Steam jets.
Union Brewery, Gravois and Michigan—Down draft.
Union Cooperage Co., 2nd and Penrose—Steam jets.
Union Dairy, Jefferson and Washington—Down draft.
Union Electric Co., 10th and St. Charles—Down draft.
Union Iron Co., 1456 S. 2nd—Down draft.
Union Laundry, 2008 Morgan—Steam jets.
Union Packing Co., Levee and Bremen—Steam jets.
Union Brick Co., Kingshighway and Nat. Bridge road—Steam jets.
Union Station Power House, 18th and Clark—Stokers.
United Elevator, Levee and Chouteau—Steam jets.
Universal Machine Co., 3809 Laclede—Down draft.
Universal Laundry, 1828 Locust—Steam jets.
U. S. Post Office, 3rd and Olive—Steam jets.
U. S. Custom House, 8th and Olive—Down draft.
Valley Milling Co., De Soto and Railway—Electricity.
Vane & Calvert, 615 N. Main—Electricity.
Verbarg & Co., 2834 S. 3rd—Steam jets.
Vermont Marble Co., 1115 S. 7th—Steam jets.
Victoria Mills, Main and Mound—Steam jets.
Vinsonhaler Shoe Co., 823 Washington—Steam jets.
Volk & Bro., 3121 N. 11th—Steam jets.
Wabash Wood Co., Newstead and Railway—Steam jets.
Wagner & Co., 2017 Locust—Steam jets.
Wainwright Brewery, 10th and Gratiot—Down draft.
Wainwright Bldg., 7th and Chestnut—Down draft.
Waldeck & Co., Montrose and La Salle—Down draft.
Walter Candy Co., 114 Walnut—Steam jets.
Waltke & Co., Main and Grand—Steam jets.
Wangler Boiler Co., 1547 N. 9th—Steam jets.
Washington Hotel, Kingshighway and Washington—Down draft.
Washington School, Euclid and Fountain—Down draft.
Washington University Property, 7th and Spruce—Down draft.
Washington University Property, 18th and St. Charles—Steam jets.
Waters-Pierce Co., 13th and Gratiot—Down draft.
Water Works, Bissell's Point—Down draft.
Webber Moulding Co., 21st and Cass—Steam jets.

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Weber & Co., 19th and O'Fallon—Steam jets.
Weisert & Co., Elm and Commercial—Steam jets.
Weisert & Co., 1314 Merchants—Brick arches.
Welle & Co., Vandeventer and Forest Park—Down draft.
Wells Bldg., Broadway and Olive—Steam jets.
Wenneker-Morris, 12 S. 3rd—Down draft.
Wertheimer-Swarts, 10th and Washington—Brick arches.
Wertheimer-Swarts, 20th and Chestnut—Steam jets.
West End Hall, Finney and Vandeventer—Steam jets.
West End Hotel, Bell and Vandeventer—Down draft.
W. St. L. Tool Co., 606 Manchester—Steam jets.
Western Box Co., 2226 Dickson—Steam jets.
Western Foundry, 2nd and Miller—Steam jets.
Western Furniture Co., Blair and Palm—Steam jets.
Western Mnfrs. Co., 14th and Locust—Steam jets.
Western Salvage Co., 1005 Washington—Steam jets.
W. U. Tel. Co., 410 Pine—Steam jets.
Western Whiting Co., 212 Steins—Steam jets.
Westminster Laundry, 4115 Olive—Down draft.
White's Rest., 313 Pine—Steam jets.
Whitman Agricultural Co., Levee and Loughborough—Steam jets.
Wieder Paint Co., Broadway and Mullanphy—Steam jets.
Wiedman Cigar Co., 815 Clark—Electricity.
Williams Machine Co., 2705 N. Broadway—Steam jets.
Wilson Lumber Co., Bremen and Railway—Steam jets.
Winkle Terra Cotta Co., 5735 Manchester—Steam jets.
Wissmath & Co., 1111 N. 12th—Steam jets.
Wittemann-Rost, Lemp and Arsenal—Electricity.
Wolff Furniture Co., 1600 N. 22nd—Steam jets.
Woman's Home, 18th and Washington—Steam jets.
Woodward & Tiernan, 309 N. 3rd—Steam jets.
World's Fair Power Plant—Stokers.
Wrought Iron Range Co., 19th and Washington—Down draft.
Wyman School, Theresa and Eads—Down draft.
Yeatman School—Garrison and Palm—Down draft.
Yocum Mfg. Co., 2008 S. 8th—Steam jets.
Y. M. C. A. Bldg., Franklin and Grand—Down draft.
Young & Co., 5500 Waterman—Down draft.
Chas. Ziegenbolg & Co., 3860 Garfield—Steam jets.
Allen Estate, 7th and Washington—Steam jets.
American Transit Co., Levee and Barton—Steam jets.
Bonne Terre Dairy, 2922 Easton—Smokeless fuel.
Carleton Dry Goods Co., 9th and Washington—steam jets.
Christ Church Cathedral, 13th and Locust—Smokeless fuel.
Christian Pub. Co., 1522 Locust—Steam jets.
Christy Fire Clay Co., Gravois and Morganford—Steam jets.
Dunn Bldg., 1009 Lucas—Brick arches.
City Hall, 12th and Market—Down draft.
City Water Works, Baden Station—Down drafts.
Fremont School, Pestalozzi and Wisconsin—Brick arches.
General Chem. Co., 14th and Gratiot—Steam jets.
Grafeman Dairy, 4834 Page—Steam jets.
Handlan-Buck Mfg. Co., 212 N. 3rd—Steam jets.
Heman & Skrainka, Spring and Forest Park—Steam jets.
Hyde Park Malt Co., 21st and Chouteau—Down draft.
Inland Type Foundry, 12th and Locust—Down draft.
C. Lips, 4051 N. Broadway—Steam jets.
Jefferson Hotel, 12th and Locust—Down draft.
Ludlow-Saylor, 4th and Elm—Steam jets.
Luedinghaus & Co., 1721 N. Broadway—Steam jets.
Manion Wreckage Co., 800 N. Levee—Steam jets.
Mann School, Oak Hill and Juniata—Brick arches.
Mary Institute, Beaumont and Locust—Smokeless fuel.

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Oregon Hotel, 1719 Market—Steam jets.
Odeon Laundry, 2023 Cass—Steam jets.
Our Lady of Good Council, 1849 Cass—Steam jets.
Perkinson & Co., 4443 N. Broadway—Steam jets.
Pilgrim Hotel, 517½ Chestnut—Steam jets.
Pittsburg Glass Co., 12th and St. Charles—Smokeless fuel.
Pontal & Co., 3571 Olive—Smokeless fuel.
Purina Mills, 8th and Gratiot—Down draft.
Real Estate Exchange, 620 Chestnut—Steam jets.
Sartorius & Co., 2731 Arsenal—Steam jets.
Schacht Buggy Co., 1704 O'Fallon—Electricity.
Schmidt & Co., 1122 S. 12th—Steam jets.
Stegman Bakery, 19th and O'Fallon—Electricity.
St. L. Exposition and Music Hall, 13th and Olive—Steam jets.
St. Laborius Church, 1835 N. 18th—Steam jets.
St. Luke's Hospital, Delmar and Belt—Down draft.
Temple Israel, 28th and Pine—Steam jets.
Tenth Street Realty Co., 10th and Olive—Brick arches.
Times Bldg., Broadway and Chestnut—Steam jets.
Ursuline Convent, 2112 S. 12th—Brick arches.
VerSteeg Shoe Co., 9th and St. Charles—Steam jets.
Wagoner & Sons, 3400 S. Broadway—Steam jets.
Washington University Property, 10th and Spruce—Steam jets.
Wellington Hotel, 715 Pine—Steam jets.
Wilhelm Bros., 19th and O'Fallon—Electricity.

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ANNUAL REPORT

OF

Coroner Robert M. Funkhouser

FOR THE

FISCAL YEAR ENDING APRIL 11, 1904.

Hon. Rolla Wells, Mayor:

Dear Sir—I have the honor to submit the following annual report for the fiscal year ending March 31st, 1904, with additional report on receipts to November 18th, 1904:

During this period ninety-eight street railway accidents have occurred. The testimony taken before the Coroner shows that the city ordinances, regulating the speed of street cars, are constantly and persistently violated. The fenders on many of the cars are insufficient. The necessity for an automatic brake, such as an air brake, is very apparent.

This office suggests that an ordinance be enacted compelling all cars to stop at the near crossing, and permitting no car to pass another which passengers may be entering or leaving. If enforced it will prevent injuries and deaths caused by persons passing behind one car and in front of another going in an opposite direction.

Passengers should not be allowed to ride on the bumpers on the outside of cars, nor on the running-board, as a number of injuries and deaths have thus resulted.

During the year seventy steam railway accidents have occurred. The testimony in these cases shows that trains move at a more rapid rate of speed in the city limits than allowed by the city ordinances, and that many streets used as public highways are not protected by proper gates or any gates whatever, or watchman, as required by ordinance.

The ordinance regulating the use of all elevators with conductors is constantly violated, which has resulted in a number of injuries and deaths. The criminal responsibility of all owners and users of elevators should be tested, wherein the ordinance has been violated.

Many deaths by drowning have occurred in abandoned quarries, situated in various parts of the city. As they are a constant menace to life, the owners should be compelled to fill them up.

The total number of suicides during the past year is one hundred and ninety-eight. They are not confined to the aged and infirm or diseased, but many young persons end their existence, carbolic acid being the means frequently chosen. An ordinance should be enacted regulating its sale, and when sold the word "Alcohol" and "Dose" as an "Antidote" should be printed on the label.

The ordinance regulating the sale of all narcotics and poisons, such as morphine, cocaine, opium, chloral, strychnine, etc., should be rigidly enforced, as the "dope" habit is frightfully and alarmingly on the increase, and a number of deaths have occurred from the administration of the above drugs.

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The number of homicides indicates the low and depraved moral tone of some members of the community, and that not much value is placed on human life, as murder is almost an every-day occurrence. The ordinances to prevent the carrying of concealed weapons should be strictly enforced, as they are persistently violated by the vicious and irresponsible, who have no fear of the law.

The reckless destruction of unborn children by criminal methods is appalling, and steps should be taken to stop the crime. Greater care should be exercised in the licensing of midwives.

On March 14th, 1904, it was deemed necessary to make certain changes in the office for the good of the Department. Since my induction into the office of Coroner, November 26th, 1900, there has been sent to the City Treasury the following amounts from transcripts and unclaimed money found on dead bodies:

Dates.	Money Found on Dead Bodies.	Transcripts.	Total.
November 26, 1900, to March 31, 1901.....	None.	$38 20	$38 20
March 31, 1901 to March 31, 1902.....	$18 10	55 30	73 40
March 31, 1902, to March 31, 1903.....	33 25	1 75	35 00
March 31, 1903, to March 14, 1904.....	85 37	266 17	351 54
March 14, 1904, to November 17, 1904.....	330 64	646 25	975 19

The amount sent to the Treasurer since March 14th, 1904, as will be seen by the report, has been unusually large. By comparing the several amounts with those of the previous years accounted for in this office, the discrepancy speaks for itself.

The tables containing the details of the report are herewith attached and self-explanatory. Respectfully,

ROBT. M. FUNKHOUSER,
Coroner.

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NUMBER OF INQUESTS HELD DURING THE FISCAL YEAR ENDING MARCH 31st, 1904.

TABLE A.	Accidents.	St. Car Ac'ts.	R. R. Ac'ts.	Suicides.	Homicides.	Unknown.	Floating.	Premature Births.	Stillborn.	W. M. A.	With M. A. Not Classed.	Legal Execution.	Total.	White.	Colored.	Total.	Male.	Female.	Total.	Single.	Married.	Widowed.	Unknown.	Total.
1903—																								
April ..	15	7	2	14	6	1	1	4	4	25	20	0	99	89	18	99	78	21	99	53	29	9	8	99
May ...	27	7	5	19	8	1	2	2	1	30	22	2	126	108	18	126	97	29	126	65	42	10	9	126
June ..	24	9	2	19	8	4	0	0	3	35	20	0	124	110	14	124	88	36	124	57	48	10	9	124
July ...	31	9	5	14	7	8	0	1	4	27	24	0	130	108	22	130	87	43	130	68	36	18	8	130
August	23	12	5	24	11	4	2	2	3	40	7	0	133	108	25	133	105	28	133	65	44	14	10	133
Sept. ..	24	9	9	14	7	1	0	1	2	34	14	0	115	100	15	115	93	22	115	53	46	10	6	115
Oct.	28	7	11	13	4	2	1	3	1	41	7	0	118	105	13	118	89	29	118	56	44	10	8	118
Nov. ...	16	12	7	9	6	3	0	5	2	43	12	0	115	98	17	115	88	27	115	54	36	15	10	115
Dec. ...	32	5	6	10	7	4	1	3	4	56	11	0	139	114	25	139	108	31	139	59	56	17	7	139
1904—																								
Jan. ...	31	3	3	19	6	1	1	1	2	43	11	0	121	106	15	121	89	32	121	52	44	20	5	121
Feb. ...	15	10	7	21	8	1	0	3	1	35	17	0	118	100	18	118	88	30	118	42	47	16	13	118
March .	28	8	8	22	14	5	0	3	5	45	13	0	151	125	26	151	111	40	151	70	58	11	12	151
Total	294	98	70	198	92	35	8	28	32	454	178	2	1489	1271	218	1489	1121	368	1489	694	530	160	105	1489

NATIVITY OF PERSONS UPON WHOSE BODIES INQUESTS WERE HELD DURING THE YEAR ENDING MARCH 31st, 1904.

TABLE B.	Accidents.	Street Car.	Railroad.	Suicides.	Homicides.	Premature Births.	Stillborn.	Floating.	Unknown.	Legal Execution.	W. M. A.	With M. A. (Not Classed).	Total.
United States	199	53	43	118	72	28	32	1	21	2	284	117	970
Germany	27	17	7	37	5	0	0	1	3	0	68	16	181
Unknown	19	7	7	18	10	0	0	5	11	0	28	17	122
Ireland	11	13	5	5	1	0	0	0	0	0	42	10	87
Austria	11	3	4	8	0	0	0	0	0	0	3	2	31
England	6	2	0	4	0	0	0	0	0	0	7	2	21
Canada	3	0	0	0	1	0	0	0	0	0	4	4	12
Russia	5	0	0	2	2	0	0	0	0	0	0	1	10
Italy	5	0	0	1	0	0	0	0	0	0	3	1	10
France	0	1	0	0	1	0	0	0	0	0	3	2	7
Switzerland	1	1	0	1	0	0	0	0	0	0	3	1	7
Scotland	0	0	0	2	0	0	0	1	0	0	2	0	5
Holland	0	0	0	0	0	0	0	0	0	0	3	1	4
Denmark	0	1	1	0	0	0	0	0	0	0	0	1	3
Sweden	1	0	1	0	0	0	0	0	0	0	0	1	3
Belgium	1	0	0	0	0	0	0	0	0	0	0	1	2
Poland	2	0	0	0	0	0	0	0	0	0	0	0	2
Bavaria	0	0	1	0	0	0	0	0	0	0	1	0	2
Sicily	1	0	0	0	0	0	0	0	0	0	0	1	2
Nova Scotia	0	0	0	1	0	0	0	0	0	0	0	0	1
Greece	0	0	1	0	0	0	0	0	0	0	0	0	1
Australia	0	0	0	1	0	0	0	0	0	0	0	0	1
Wales	0	0	0	0	0	0	0	0	0	0	1	0	1
Bohemia	0	0	0	0	0	0	0	0	0	0	1	0	1
China	0	0	0	0	0	0	0	0	0	0	1	0	1
Syria	1	0	0	0	0	0	0	0	0	0	0	0	1
Moravia	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	294	98	70	198	92	28	32	8	35	2	454	178	1489

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AGES OF PERSONS UPON WHOSE BODIES INQUESTS WERE HELD DURING THE YEAR ENDING MARCH 31st, 1904.

TABLE C.	YEARS.	1903. April.	May.	June.	July.	August.	September.	October.	November.	December.	1904. January.	February.	March.	Total.
Under	5	18	13	13	19	19	9	13	17	18	13	8	17	177
Between	5 and 10	5	1	5	3	4	5	1	1	3	2	1	3	34
"	10 and 20	5	10	8	12	12	9	10	7	8	10	6	8	105
"	20 and 30	10	23	15	20	22	16	18	17	22	19	11	27	220
"	30 and 40	15	20	26	22	24	24	37	15	20	20	23	22	268
"	40 and 50	13	25	25	24	20	19	16	16	19	15	22	29	243
"	50 and 60	15	17	14	16	16	12	8	19	23	25	22	21	208
"	60 and 70	10	13	9	10	11	15	10	15	17	10	11	15	146
"	70 and 80	7	2	5	1	3	3	4	5	5	4	8	5	52
Over	80	0	1	0	1	1	0	1	1	2	1	3	4	15
Unknown	.....	1	1	4	2	1	3	0	2	2	2	3	0	21
Total	.....	99	126	124	130	133	115	118	115	139	121	118	151	1489

TABLE D.—SUICIDES.

Sex, race, social condition, age and nativity of persons upon whose bodies inquests were held during the year ending March 31, 1904.

SEX.

Male	144	White	194
Female	54	Colored	4
Total	198	Total	198

SOCIAL CONDITION.

Single	70	Unknown	15
Married	86		
Widowed	27	Total	198

AGE.

From 10 to 20 years	15	From 40 to 50 years	32	From 70 to 80 years	8
From 20 to 30 years	55	From 50 to 60 years	23	Over 80 years	1
From 30 to 40 years	46	From 60 to 70 years	17	Unknown	1
				Total	198

NATIVITY.

United States	118	Ireland	5	Australia	1
Germany	37	England	4	Italy	1
Unknown	18	Scotland	2	Nova Scotia	1
Austria	8	Russia	2	Switzerland	1
				Total	198

MEANS OF ENDING LIFE.

Carbolic acid	68	Strychnine poisoning	4	Rough on rats	1
Gunshot wound	57	Cyanide of potassium	4	Alcohol poisoning	1
Morphine poisoning	14	Drowning	4	Burns	1
Hemorrhage of throat	7	Arsenic poisoning	3	Hemorrhage at wrist	1
Shock and injuries	6	Stab wound	2	Septicaemia	1
Opium poisoning	5	Prussic acid	1	Suffocation	1
Asphyxiation	4	Hanging	1		
				Total	198

OCCUPATION OF SUICIDES.

Laborer	25	Motorman	1	Inspector	1
Housewife	25	Contractor	1	Manufacturing agent	1
Unknown	23	Tailor	1	Photographer	1
Domestic	14	Foreman	1	Miller	1
Clerk	8	Nurse	1	Butler	1
Salesman	7	Janitor	1	Car cleaner	1
Merchant	5	Shoecutter	1	Musician	1
Carpenter	5	Electroplater	1	Master	1
Mercenary	5	Tinner	1	Bookbinder	1

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Teamster	4	Cabinetmaker	1	Solicitor	1
Waiter	3	Insurance solicitor	1	Gardener	1
Fireman	3	Plumber	1	Florist	1
Painter	3	Cook	1	Laundress	1
Machinist	3	Bricklayer	1	Brewer	1
Shoemaker	2	Baker	1	Stonecutter	1
Iron worker	2	Taxidermist	1	Blacksmith	1
Packer	2	Paperhanger	1	Architect	1
Railroad official	2	Interpreter	1	Barber	1
Engineer	2	Polisher	1	Office boy	1
Peddler	2	Roofer	1	Restaurant keeper	1
Army officer	1	Conductor	1	Waitress	1
Harness maker	1	Letter carrier	1	Soldier	1
Stenographer	1	Jockey	1	Agent	1
Steamstress	1	Electrician	1		
Artist	1	Machinehand	1	Total	198

Suicides for each month during the year ending March 31st, 1904:

April, 1903	14	August, 1903	24	December, 1903	10
May, 1903	19	September, 1903	14	January, 1904	19
June, 1903	19	October, 1903	13	February, 1904	21
July, 1903	14	November, 1903	9	March, 1904	22
				Total	198

TABLE E.—HOMICIDES.

Sex, race, social condition, age and nativity of persons upon whose bodies inquests were held during the year ending March 31, 1904.

SEX.

Male	83	White	55
Female	9	Colored	37
Total	92	Total	92

SOCIAL CONDITION.

Single	53	Widowed	3
Married	32	Unknown	4
		Total	92

AGE.

Under 5 years	1	From 20 to 30 years	33	From 50 to 60 years	7
From 5 to 10 years	1	From 30 to 40 years	29	From 60 to 70 years	0
From 10 to 20 years	1	From 40 to 50 years	13	From 70 to 80 years	1
				Total	92

NATIVITY.

United States	72	Russia	2	France	1
Unknown	10	Ireland	1		
Germany	5	Canada	1	Total	92

OCCUPATION.

Laborer	32	Merchant	1	Saloonkeeper	7
Unknown	5	Waiter	1	None	3
Dishwasher	1	Jockey	1	Painter	1
Policeman	1	Shoemaker	2	Singer	1
Teamster	5	Athletic Trainer	1	Hostler	1
Housewife	3	Domestic	3	Pipe Fitter	1
Foreman	1	Constable	1	Barber	2
Bootblack	1	Fireman	2	Moulder	1
Poolroomkeeper	1	U S. Marine	1	Greaser	1
Cook	1	Clerk	1	Lunchman	1
Horse Trader	1	Hodcarrier	1	Paper Hanger	1
Porter	1	Sanitary Inspector	1	Paper Carrier	1
Wood Worker	1	Plumber	1		
				Total	92

MEANS AND WEAPONS USED FOR TAKING LIFE.

Gunshot wound	43	Shock and injuries	2
Gunshot wound of brain	4	Haemorrhage of brain	3
Gunshot wound of lung	3	Haemorrhage and concussion of brain	1
Gunshot wound of abdomen	1	Empyema	
Gunshot wound of heart	1	Septicaemia	3
Gunshot wound of kidney	1	Meningitis	1
Gunshot wound of liver	1	Concussion of brain	1
Perforation of uterus	1	Haemorrhage from gunshot wound	1
Stab wound	9	Haemorrhage and fracture of skull	1
Fracture of skull	2	Stab wound of liver	1
Purulent Peritonitis	3	Stab wound of abdomen	1
Hemorrhage	4		
Wound of abdomen	2		
		Total	92

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HOMICIDES DURING EACH MONTH FOR THE YEAR ENDING MARCH 31st, 1904.

1903—		August	11	1904—	
April	6	September	7	January	6
May	8	October	4	February	8
June	8	November	6	March	14
July	7	December	7		
				Total	92

TABLE F.—ACCIDENTS.

Sex, race, social condition, age and nativity of persons upon whose bodies inquests were held during the year ending March 31st, 1904.

SEX.

Male	363
Female	99
Total	462
White	394
Colored	68
Total	462

SOCIAL CONDITION.

Single	223
Married	177
Widowed	39
Unknown	23
Total	462

AGE.

Under 5 years	32	From 50 to 60 years	59
From 5 to 10 years	25	From 60 to 70 years	33
From 10 to 20 years	64	From 70 to 80 years	14
From 20 to 30 years	58	Over 80 years	7
From 30 to 40 years	94	Unknown	7
From 40 to 50 years	69		
		Total	462

NATIVITY.

United States	295	Russia	5	Poland	2
Germany	51	Italy	5	Bavaria	1
Unknown	33	France	1	Sicily	1
Ireland	29	Switzerland	2	Greece	1
Austria	18	Denmark	2	Syria	1
England	8	Sweden	2	Moravia	1
Canada	3	Belgium	1		
				Total	462

OCCUPATION.

Laborer	101	Hostler	2	Foreman	3
None	61	Railroad man	2	Elevator boy	3
Housewife	33	Apprentice	2	Motorman	1
Teamster	24	Bookkeeper	2	Oiler	1
Schoolboy	18	Merchant	2	Cattle buyer	1
Unknown	18	Stonemason	2	Shoe worker	2
Carpenter	14	Errand boy	2	Policeman	2
Domestic	13	Stenographer	2	Shoemaker	2
Clerk	11	Messenger	2	Packer	2
Engineer	9	Artist	1	Riverman	2
Porter	7	Soldier	1	Conductor	2
Painter	7	Lather	1	Jockey	2
Fireman	7	Waitress	1	Printer	2
Switchman	6	Sign writer	1	Seamstress	1
Car Repairer	6	Rigger	1	News vender	1
Brakeman	5	Physician	1	Wood carver	1
Schoolgirl	3	Tanner	1	Cement finisher	1
Machine hand	3	Shoe laster	1	Soap maker	1
Iron worker	3	Tinner	1	Tobacco worker	1
Peddler	3	Harnessmaker	1	Granitoid worker	1
Molder	3	Dairy man	1	Book agent	1
Inspector	3	Miner	4	Civil engineer	1
Houseman	3	Cook	4	Car sealer	1
Blacksmith	3	Lineman	4	Student	1
Bricklayer	3	Farmer	4	Steam fitter	1
Salesman	3	Tailor	3		
Bartender	3	Cabinet maker	3	Total	462

CAUSE.

Shock and injuries	219	Suffocation	6	Delirium tremens	2
Fracture of skull	45	Gunshot wounds	5	Myelitis	1
Shock and burns	29	Rabies	4	Fracture of pelvis	1
Septicaemia	27	Laceration and Haemorrhage of brain	4	Rupture of tubal pregnancy	1
Drowning	23	Asphyxiation	4	Opium poisoning	1
Concussion of brain	22	Shock and haemorrhage	3	Gangrene of hand	1
Tetanus	20	Ptomaine poisoning	2	Rupture of liver	1
Carbolic acid poison	11	Strychnia poisoning	2	Total	462
Fracture of spine	7	Chloroform anaesthesia	2		
Electric shock	7				
Morphine poison	6				
Traumatic pneumonia	6				

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ACCIDENTS FOR EACH MONTH DURING THE YEAR ENDING MARCH 31st, 1904.

April, 1903	24	August, 1903	40	December, 1903	43
May, 1903	39	September, 1903	42	January, 1904	37
June, 1903	35	October, 1903	46	February, 1904	32
July, 1903	45	November, 1903	35	March, 1904	44
				Total	462

TABLE G.—WITHOUT MEDICAL ATTENDANCE.

Sex, race, social condition, age and nativity of persons upon whose bodies inquests were held during the year ending March 31st, 1904.

SEX.

Male	314
Female	140
Total	454
White	366
Colored	88
Total	454

SOCIAL CONDITION.

Single	196
Married	173
Widowed	61
Unknown	24
Total	454

AGE.

Under 5 years	79	From 30 to 40 years	64	From 70 to 80 years	20
From 5 to 10 years	2	From 40 to 50 years	87	Over 80 years	6
From 10 to 20 years	8	From 50 to 60 years	91	Unknown	1
From 20 to 30 years	27	From 60 to 70 years	69		
				Total	454

NATIVITY.

United States	284	France	3	Holland	3
Germany	68	Wales	1	Scotland	2
Ireland	42	Canada	4	Bavaria	1
Unknown	28	Austria	3	China	1
Switzerland	3	England	7		
Italy	3	Bohemia	1	Total	454

OCCUPATION.

Laborer	82	Whitener	2	Lawyer	1
None	84	Hodcarrier	2	Candymaker	1
Housewife	59	Houseman	2	Tinner	1
Unknown	27	Glassworker	2	Umbrella mender	1
Domestic	19	Riverman	2	Woodworker	1
Merchant	13	Barber	2	Ironworker	1
Carpenter	12	Beerbottler	2	Architect	1
Porter	10	Railroadman	2	Car inspector	1
Salesman	8	Expressman	1	Waiter	1
Laundress	6	Paperhanger	1	Policeman	1
Teamster	6	Stereotyper	1	Janitor	1
Watchman		Scrubwoman	1	Polisher	1
Painter	5	Broker	1	Foreman	1
Cook	5	Embroidereress	1	Framer	1
Peddler	5	Promotor	1	Gambler	1
Hostler	4	Machinist	1	Collector	1
Clerk	4	Boat builder	1	Clergyman	1
Shoemaker	4	Lineman	1	Liveryman	1
Bartender	4	Dyer	1	Fireman	1
Bookkeeper	3	Garment cutter	1	Manager	1
Printer		Schoolgirl	1	Physician	1
Stonecutter	3	Roofer	1	Real estate	1
Bricklayer	3	Cooper	1	Elevator boy	1
Molder	2	Brushmaker	1	Farmer	1
Contractor	2	Plasterer	1	Surveyor	1
Cabinetmaker	2	Title investigator	1	Packer	1
Restaurateur		Switchman	1	Schoolboy	1
Saloonkeeper	2	Silverplater	1	Butcher	1
Artist	2	Veterinary surgeon	1		
Engineer		Tailor	1	Total	454

CAUSE.

Valvular Disease of Heart	76	Angina Pectoris	2
Congestion of the Lungs	44	Oedema of Lungs	2
Fatty Degeneration of Heart	34	Congestion of Lungs and Kidneys	2
Pneumonia	33	Measles	2
Inanition	21	Alcoholism	2
Phthisis Pulmonalis	25	Rheumatism of Heart	3
Nephritis	22	La Grippe	2

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Apoplexy	17	Uraemia	2
Asthma	14	General Debility	2
Rupture of Aneurism of Aorta	13	Exposure	2
Marasmus	13	Malaria	1
Cirrhosis of Liver	11	Cancer of Breast	1
Enteritis	9	Endocarditis	1
Dilatation of Heart	10	Purulent Peritonitis	1
Pleuro-Pneumonia	3	Pertussis	1
Bronchitis	6	Tuberculosis of Kidneys	1
Senile Debility	7	Dentition	1
Haemoptysis	5	Strangulated Hernia	1
Pericarditis	5	Rupture of Tubal Pregnancy	1
Infantile Debility	5	Hemorrhage into Abdomen	1
Epilepsy	5	Obstruction of the Bowels	1
Thermis Fever	4	Appendicitis	1
Convulsions	4	Empyema	1
Paralysis	4	Gastro Enteritis	1
Congestion of Brain	4	Typhoid Fever	1
Congestion of Kidneys	3	Spinal Meningitis	1
Croupous Pneumonia	3	Morphine Poisoning	1
Oedema of Brain	3	Rupture of Heart	1
Asphyxiation	1	Congenital Heart Lesion	1
Pleurisy	1	Cystic Degeneration of Kidneys	1
Congestion of Liver	1	Stricture of Bowel	1
Paresis	1		
Rheumatism	5	Total	454

WITH MEDICAL ATTENDANCE FOR EACH MONTH DURING THE YEAR ENDING MARCH 31st, 1904.

April, 1903	25	August, 1903	40	December, 1903	56
May, 1903	28	September, 1903	35	January, 1904	44
June, 1903	35	October, 1903	41	February, 1904	35
July, 1903	27	November, 1903	43	March, 1904	45
				Total	454

TABLE H.—WITH MEDICAL ATTENDANCE NOT CLASSED.

Sex, race, social condition, age and nativity of persons upon whose bodies inquests were held during the year ending March 31st, 1904.

SEX.

Male	113
Female	65
Total	178

SOCIAL CONDITION.

Single	81
Married	56
Widowed	27
Unknown	14
Total	178

AGE.

Under 5 years	20	From 30 to 40 years	30	From 70 to 80 years	10
From 5 to 10 years	3	From 40 to 50 years	28	Over 80 years	6
From 10 to 20 years	4	From 50 to 60 years	24	Unknown	2
From 20 to 30 years	33	From 60 to 70 years	18		
				Total	178

NATIVITY.

United States	117	England	2	Sweden	1
Germany	16	Austria	2	Switzerland	1
Ireland	10	Russia	1	Holland	1
Unknown	17	Sicily	1	Italy	1
Canada	4	Belgium	1		
France	2	Denmark	1	Total	178

OCCUPATION.

Laborer	25	Seamstress	2	Physician	1
Housewife	30	Stenographer	2	Decorator	1
None	26	Salesman	2	Broommaker	1
Unknown	15	Miner	2	Model	1
Domestic	7	Carpenter	2	Civil Engineer	1
Teamster	6	Painter	2	Brewer	1
Clerk	3	Agent	2	Grocer	1
Shoeworker	5	Paper carrier	1	Plasterer	1
Porter	4	Riverman	1	Cigarmaker	1
Barber	3	Peddler	1	Nurse	1
Cook	3	Schoolboy	1	Clergyman	1
Bartender	3	Fireman	1	Chemist	1
Engineer	3	Machinist	1	Huckster	1
Artist	2	Canvasser	1	Florist	1
Sailor	2	Waiter	1	Hostler	1
Factory hand	2	Merchant	1		
Watchman	1			Total	178

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CAUSE.

Septicaemia	15	Typhoid Fever	4	Dementia	1
Congestion of Lungs	13	Pericarditis	3	Pleuro-Pneumonia	1
Peritonitis	11	Exsanguination	3	Anaesthesia	1
Nephritis	11	Paresis	2	Oedema of Brain	1
Apoplexy	10	Haemoptysis	2	Pertussis	1
Senile Debility	9	Gastro-Enteritis	2	Necrosis of Intestine	1
Meningitis	9	Oedema of Lungs	2	Appendicitis	1
Cirrhosis of Liver	7	Enteritis	2	Tumor of Brain	1
Fatty Degeneration of Heart	7	Alcoholism	2	Croupous Pneumonia	1
Congestion of Brain	7	Abortion	2	Marasmus	1
Pneumonia	7	Gastritis	2	Myelitis	1
Inanition	6	Uraemia	2	Asthma	1
Phthisis Pulmonalis	4	Septic Pneumonia	2	Convulsions	1
Congenital Debility	4	Paralysis	2	Angina Pectoris	1
Valvular Disease of Heart	4	Delirium Tremens	1	Cancer	1
Insolation		Carcenomata of Left Axilla	1	Total	178
		Morphine Poison	1		

WITH MEDICAL ATTENDANCE NOT CLASSED FOR EACH MONTH DURING THE YEAR ENDING MARCH 31st, 1904.

April, 1903	20	August, 1903	7	December, 1903	11
May, 1903	22	September, 1903	14	January, 1904	11
June, 1903	20	October, 1903	7	February, 1904	17
July, 1903	24	November, 1903	12	March, 1904	13
				Total	178

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ANNUAL REPORT

OF THE

Chief of the Fire Department

FOR THE

FISCAL YEAR ENDING APRIL 11, 1904.

St. Louis, April 22nd, 1904.

Honorable Rolla Wells, Mayor City of Ct. Louis:

Dear Sir—I have the honor to submit herewith for your consideration my annual report of the management of the Fire Department for the fiscal year 1903-1904.

The past year has without doubt been the most successful and in many respects the most important since the organization of the Department.

You will note, from the accompanying statement, that the fire losses during the year are the lowest in eight years, notwithstanding the fact that we have had 2,565 alarms, an increase of 504 over the proceeding year. The principal reason for this remarkable record can be attributed to the various additions to the Department, the prompt manner in which we have been given alarms, and the methods employed in handling the fires.

The administration has promptly recognized the importance of my recommendations to increase the department, and the result has been that property was purchased for three additional houses.

It is my opinion that the erection of Engine House No. 40 at 11th and Lucas avenue is the most important addition that has been made to the Fire Department in twenty years. This building was turned over to the city March 1st, 1904. In it are stationed Engine Companies No. 40 and 41; also Hook and Ladder Company No. 13.

In this connection I am pleased to state the house is the most modern in construction and detail possible to make it, and the apparatus installed is the latest pattern obtainable.

These companies are the first that have been placed in service in the congested district of the city since 1893, and will give that vicinity much better fire protection.

Ground has been purchased at Kingshighway and Morgan streets, also Manchester and Pierce avenues. Both localities are badly in need of better fire protection, and I would respectfully recommend that the building be erected at Kingshighway and Morgan street at the earliest date possible.

The building at Manchester and Pierce avenues should be completed by November 1st, 1904, as the company which will occupy it is now located in Engine House No. 4 on the World's Fair Grounds, and must be moved at the close of the Fair.

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The Louisiana Purchase Exposition Company have organized and are maintaining a very efficient Fire Department, which consists of three engine companies and one hook and ladder company, forty-four firemen, one blacksmith and one clerk. They have 31,000 feet of 2½-inch cotton rubber lined fire hose and 13,825 feet of 1½-inch rubber hose, all of which is distributed in the various buildings throughout the grounds. It is under the command of an Assistant Chief of our Department and is conducted the same as the other districts in this Department.

I would also state that George C. Hale has an auxiliary company of twenty-one men in connection with his exhibit on the Pike. Said company responds to all fires on the grounds.

The city has equipped one engine house on the Fair Grounds, which will respond to all alarms there and also protect the property in the immediate vicinity outside the Fair limits.

I respectfully call your attention to the storage house which was erected at 20th and Washington avenue, at a cost of $5,300. In addition to storing all our reserve apparatus in this building, we have used it as a repair shop and have been able to make extensive repairs to our apparatus by our mechanics. This you will note by comparison of statements of this account, betwen this and last year, has been the means of a saving to the city. I find, however, that this building is inadequate to do our repair work, and recommend that an addition be made to it that will enable us to do practically all our own repairs. This would reduce our repairs to apparatus account to a minimum.

For several years I have recommended the installation of an independent high service pipe line system, for the better protection of the congested district, and trust that ways and means will be found to accomplish this. Such a system is now in operation at the World's Fair, and has proven satisfactory.

I desire to thank you and the Municipal Assembly for the assistance rendered in making this department rank with the best in the country; also the Board of Fire Prevention Bureau, for the interest they have manifested and their efforts to increase the efficiency of the fire department.

I also wish to thank the Underwriter Salvage Corps and the Fire Alarm Telegraph Office for their co-operation with the department at all times; likewise the officers and members of the fire department for the faithful services rendered. The Police Department is to be commended for its assistance and the promptness with which they have turned in alarms of fire.

FINANCIAL STATEMENT.

Amount appropriated	$795.515 60

EXPENDITURES.

Salaries	$608,653 05
Damages	15 50
Fuel	15,143 86
Furniture and repairing same	1,691 86
Harness and repairing same	4,245 82
Horse feed and bedding	27,654 53
Horse shoeing	10,296 37
Heater for engine house No. 12	368 50
Ice	800 49
Miscellaneous	12,612 61
Repairing engines	3,886 41
Repairing hook and ladder apparatus	4,041 44
Repairing hose reels and wagons	8,396 40
Stationery, printing and office expenses	366 39
Veterinary and horse medicine	1,554 75
Unpaid bills, last fiscal year	1,035 60
Horses	9,970 00
Hose, couplings, nozzles and repairs	24,859 06
New engines	14,900 00
New hose wagons	3,950 00
New aerial truck	4,200 00
Labor, material and repairs to buildings	16,169 41
Painting engine houses	5,994 31
Total	$780,806 36
Balance	$14,709 24

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The following sum was turned over to the Municipal Revenue:

Condemned property	$2,751 37
St Louis Transit Co., damage to service pipe at engine house No. 33	44 10
Overpayment on pay roll, on account of members dying after pay roll was made up	31 68

NEW APPARATUS.

During the year new apparatus was purchased and placed in service, as follows:

One extra first size Metropolitan steam fire engine.
Two second size Metropolitan steam fire engines.
Three combination hose wagons and chemical engines.
One combination "Holloway" chemical engine and hose wagon (steel body).
One 85-foot compressed air Kaiser truck.
23,500 feet 2½-inch, double jacket cotton rubber-lined hose.
2,000 feet 3-inch, double jacket cotton rubber-lined hose.
2,000 feet ¾ inch, rubber chemical hose.
One three-way Glazier nozzle.
Two single arm style C Glazier nozzles.

FIRE STATISTICS.

Total Loss	$ 1,203,929 00
Loss paid by insurance companies	936,564 00
Loss uninsured	267,365 00
Insurance involved	7,419,397 00
Value of property involved	10,223,322 00

STRENGTH OF DEPARTMENT.

Chief of Department	1	Engineers	41
First assistant chief	1	Stokers of engines	41
Assistant chiefs in command of districts	8	Drivers	99
Master mechanic	1	Pipemen	146
Secretary	1	Laddermen	90
Assistant secretary	1	Hospital detail	10
Foremen	58	Fuel wagon men	18
Assistant foremen	55	Watchmen	39
		Total	610

Divided into fifty-eight companies, under the command of twelve officers, as follows:

Engine companies	41	Hook and ladder companies	14
Hose companies	1	Water tower companies	2

APPARATUS IN SERVICE.

Steamers	41
Double hose wagons	6
Combination hose wagon and chemical engine with deck pipe	2
Combination hose wagons and chemical engines	32
Combination hose reels and chemical engines	10
Ordinary hose reels	7
Hood and ladder trucks (aerial)	8
Hook and ladder trucks (city service)	6
Water towers	2
Fuel wagons	9
Light spring wagon	1
Hauling wagons	7
Officers' wagons	14

APPARATUS IN RESERVE.

Steamers	10
Combination hose wagon and chemical engines	2
Double hose wagon	1
Double tank chemical engine	1
Hose reels	12
Hook and ladder trucks (aerial)	1
Hook and ladder trucks (city service)	2
Officers' wagons	4

Hook and ladder No. 8 rebuilt into a first size Seagrave.

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HOSE IN SERVICE.

¾-inch rubber chemical	2,000 feet
1-inch rubber chemical	2,750 feet
2½-inch cotton, rubber lined	73,500 feet
3-inch cotton, rubber lined	3,000 feet
3½-inch rubber	600 feet

UNFIT FOR SERVICE.

3-inch cotton, rubber lined	1,250 feet
2½-inch cotton, rubber lined	9,100 feet
2½-inch rubber	1,000 feet

RESERVE.

¾-inch	2,300 feet
1-inch	2,300 feet
2½-inch	13,950 feet
3-inch rubber	2,750 feet

HORSES.

There are 251 horses in service, 14 died, 31 condemned and sold, and 48 bought.

HOUSES.

There are thirty-nine houses being used by the department, thirty-eight of which being the property of the city, and one in the World's Fair Grounds.

Plans are being drawn for the new engine houses, Kingshighway and Morgan streets, and Manchester and Pierce avenues.

During the year the following houses were reconstructed, Nos. 5, 8, 9, 19, 21, 24, 10, 31, 32, 35, 17.

New heaters were put in at engine houses Nos. 20 and 27.

New brick coal shed was built at engine house No. 32.

PAINTING.

During the year we expended $5,994.31 for employing union painters and purchasing material, sufficient to enable us to paint thirty-one houses of this department.

DISCIPLINE.

It was found necessary to maintain discipline to impose fines to the amount of $485.00. Various members lost 252 days while under suspension for violations of the rules and regulations of the department. The following changes were made during the year for the good of the service: Reductions, 5; dismissals, 12; resigned honorable, 13; retired on pension, 2.

ACCIDENTS.

Accidents occurred to various members while in the discharge of their duties, as follows: Slight, 47; severe, 30; serious, 8.

DEATHS.

Eleven deaths occurred during the year, as follows:

Joel Utley, Watchman of Engine Company No. 5, died June 17th, 1903, of cerebral tumor. He became a member of the department November 1st, 1858.

John F. Hawe, committed suicide July 28th, 1903. He became a member of the department June 22nd, 1901.

Stephen Hearty, Pipeman of Engine Company No. 22, was murdered during a quarrel in front of his residence on October 4th, 1903. He became a member of the department March 19th, 1902.

Seth Chapman, Ladderman of Hook and Ladder Company No. 1, of ateroscherosis, died September 21st, 1903. He became a member of the department May 18th, 1885.

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Herman Bergman, Driver of Fuel Wagon No. 3, died December 15th, 1903, of heart disease. He became a member of the department September 1st, 1872.

Patrick Bergin, Stoker of Engine Company No. 31, died January 23rd, 1904, of aneurism. He became a member of the department April 17th, 1888.

William Kamper, Watchman of Engine Company No. 8, died February 24th, 1904, of heart disease. He became a member of the department May 1st, 1865.

Claude Shepard, watchman of Engine Company No. 5, died March 4th, 1904. of heart disease. He became a member of the department July 2nd, 1877.

Patrick Buckley, Watchman of Engine Company No. 29, died March 10th, 1904, of heart disease. He became a member of the department May 18th, 1885.

Patrick Barrett, Ladderman of Hook and Ladder Company No. 11, died March 15th, 1904, of consumption. He became a member of the department July 1, 1901.

Andrew Tayon, Foreman of Engine Company No. 2, died March 19th, 1904, of pneumonia. He became a member of the department August 3rd, 1885.

RECOMMENDATIONS.

I would respectfully recommend that the erection of engine houses in the following vicinities:

Ninth and Buchanan streets, Ninth and Soulard streets, and Meramec and Virginia avenues. Owing to the natural growth of the city the need of better fire protection becomes apparent in the above named districts.

I have the honor to be,

Yours respectfully,

C. E. SWINGLEY,

Chief Fire Department.

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EXHIBIT A.

ORGANIZATION OF THE FIRE DEPARTMENT.

OFFICERS.

NAME.	POSITION.	RESIDENCE.
C. E. Swingley	Chief	3890 Washington av.
T. W. Rucker	First Assistant Chief	3109 Bell av.
Thos. Haines	Assistant Chief	1806 Rutger st.
Wm. Busch	Assistant Chief	3405 Walnut st.
Patrick Shay	Assistant Chief	1911 Coleman st.
Andrew Caughlin	Assistant Chief	1643 Hogan st.
Wm. Hillenkoetter	Assistant Chief	1429 Dodier st.
Harry Shockey	Assistant Chief	5357 Florissant av.
John F. Barry	Assistant Chief	3685 Cook av.
Alexander Christie	Assistant Chief	3003 Bacon st.
Wm. H. Marquis	Master Machinic	2223 N. Tenth st.
Robert C. Jenks	Department Secretary	2915 Gamble st.
John J. Long	Assistant Secretary	6712 Minnesota av.

ENGINE COMPANY 1.

(McNair and Gravois Avenues.)

NAME.	POSITION.	RESIDENCE.
James A. McCullough	Foreman	2706 S. Eleventh st.
Martin Maloney	Assistant Foreman	2812½ Wisconsin av.
Geo. Kaltenthaler	Engineer	2220 S. Twelfth st.
Fred Sattel	Fireman	2420 McNair av.
Chas. Schmidt	Driver	3108 S. Ninth st.
Hy. F. Burleigh	Driver	2654 Allen av.
Geo. L. Funch	Pipeman	2432 McNair ave.
Anthony Bundschue	Pipeman	1912 S. Seventh st.
Wm. Meany	Watchman	1418 Grattan st.

ENGINE COMPANY UNION 2.

(508 North Third Street.)

NAME.	POSITION.	RESIDENCE.
Martin Tierney	Foreman	1902 Laflin av.
Geo. Hardesty	Assistant Foreman	1506 St. Louis av.
Albert Crouch	Engineer	1905 N. Tenth st.
Henry Meyer	Fireman	3924 Lucky st.
John Gordon	Driver	1607 N. Seventeenth st.
Martin Lynch	Driver	1422 Blair av.
Jos. Cissell	Pipeman	3617 St. Louis av.
Fred Haussette	Pipeman	4126 Peck st.
Edw. Burke	Pipeman	718 O'Fallon st.
John Gallagher	Pipeman	1513 N. Tenth st.
Albert Loffler	Pipeman	1813 Goode av.
John O'Brien	Watchman	2211 Mullanphy st.

ENGINE COMPANY 3.

(3648 South Broadway.)

NAME.	POSITION.	RESIDENCE.
George Wolf	Foreman	2628 Keokuk st.
Geo. Fey	Assistant Foreman	3324 Salena st.
Wm. Toner	Engineer	2635 Missouri av.
Stephen Harke	Fireman	3544 S. Broadway .
Frank Doering	Driver	3535 S. Second st.
Geo. Berg	Driver	1906 Whitnell st.
Ferdinand Geise	Pipeman	147 St. George st.
Fred Wagner	Pipeman	3617 Walnut st.
Edw. Johnson	Watchman	2115 Shenandoah st.

ENGINE COMPANY 4.

(Twenty-second and Wash Streets.)

NAME.	POSITION.	RESIDENCE.
Michael Brennan	Foreman	2610 Rutger st.
Benj. Shively	Assistant Foreman	3168 Easton av.
Patrick Lynch	Engineer	1202 St. Louis av.
Jos. Backof	Fireman	2109 Wash st.
Jas. Sullivan	Driver	1625 Cass av.
Jas. Green	Driver	1602 Helen st.
Dennis Deering	Pipeman	2513 Coleman st.
Chas. Klima	Pipeman	2203 Wash st.
John Graf	Pipeman	1640 N. Nineteenth st.
Bernhard Mueller	Pipeman	5226 Blair av.
Michael Moore	Pipeman	2835 Lucas av.
Hugh Maroney	Watchman	2735 Stoddard st.

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ENGINE COMPANY 5.

(Twenty-second and North Market Streets.)

NAME.	POSITION.		RESIDENCE.
Michael Reardon	Foreman	2206	Cass ave.
Alfred Altman	Assistant Foreman	2736	Gamble st.
Edw. Hogan	Engineer	3013	Vine Grove av.
John Dowling	Fireman	4044	Labadie av.
Wm. Voss	Driver	2245	Warren st.
Carl Pohlman	Driver	5045	Raymond av.
Henry Krueger	Pipeman	2519	N. Market st.
John Vahle	Pipeman	2400	N. Market st.
John T. Ryan	Watchman	3955	N. Eleventh st.

ENGINE COMPANY 6.

(Ninth, Between Chestnut and Market Streets.)

NAME.	POSITION.		RESIDENCE.
Thos. Lynch	Foreman	930	Hickory st.
Jas. Mahen	Assistant Foreman	905	S. Twenty-third st.
Patrick McCarthy	Engineer	1315	Prairie av.
Francis Smith	Fireman	3311	Franklin av.
John Collier	Driver	1330	N. Nineteenth st.
Clarence Coff	Driver	921	N. Leonard av.
Jas. Ward	Pipeman	3612	Cozens av.
John O'Rourke	Pipeman	3303	Adams st.
Wm McGuire	Pipeman	2823	Cass av.
Jas. McNiff	Pipeman	4051	Easton av.
Richard O'Neil	Watchman	1900	Laflin st.

ENGINE COMPANY 7.

(1804 South Eighteenth Street.))

NAME.	POSITION.		RESIDENCE.
Michael Lyons	Foreman	4207	Castleman av.
Chas. Eckert	Assistant Foreman	2332	Hickory st.
Chris Paffhausen	Engineer	4542	Wichita av.
Michael Hanley	Fireman	2923	Shenandoah st.
Jos. Toohey	Driver	2041	Eugenie st.
Wm. Mehrkens	Driver	1907	Sidney st.
Frank Dunsford	Pipeman	2930	Hickory st.
Wm. Stibal	Pipeman	1747	Dolman st
Martin Ryan	Pipeman	1208	Armstrong.
Hartwell Wilson	Pipeman	1904	Morgan st.
John O'Boyle	Pipeman	2920	Rutger st.
Chas. Tilton	Watchman	1427	Grattan st.

ENGINE COMPANY 8.

(Blair Avenue and Salisbury Street.)

NAME.	POSITION.		RESIDENCE.
Geo. Allers	Foreman	3927	N. 21st st.
Geo. Broomfield	Assistant Foreman	2727	Howard st.
John Fisher	Engineer	1518	Salisbury st.
Patrick Mallom	Fireman	4454	Pleasant st.
Fred Luke	Driver	3822	Blair av.
Patrick Powers	Driver	1121	Newhouse ave.
John J. O'Shea	Pipeman	4205	Margarette av.
Ernest Horstmeyer	Pipeman	1521	Warren st.
Hy. Saisselein	Watchman	2221	Carr st.

ENGINE COMPANY 9.

(Eighth and Mullanphy Streets.)

NAME.	POSITION.		RESIDENCE.
Hy. Klunk	Foreman	2407	N. Twelfth st.
Lockwood Green	Assistant Foreman	818	Clinton st.
Jas. Owens	Engineer	1109	Madison st.
Patrick Doyle	Fireman	2614	Howard st.
Aug. Pascheday	Driver	2503	N. Twelfth st.
Hy. Weise	Driver	5219	Bulwer av.
Jas. P. Sheeran	Pipeman	1833	Benton st.
Wm. Woolly	Pipeman	2716	Gamble st.
Irwin Steele	Pipeman	2121	N. Tenth st.
Aug. Hennicke	Pipeman	2823	N. Eleventh st.
Fred Hippler	Pipeman	1303	St. Louis av.
Arnold Bowers	Watchman	5317	Easton av.

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ENGINE COMPANY 10.

(Jefferson Avenue and Walnut Street.)

NAME.	POSITION.		RESIDENCE.
Alonzo Drain	Foreman	3649	Cleveland av.
Robert Young	Assistant Foreman	4229	Blaine av.
John Hines	Engineer	2334	Walnut st.
John Quinn	Fireman	3505	Clark av.
Michael Casey	Driver	116	S. Beaumont st.
Bryan King	Driver	2215	Warren st.
Fred Reith	Pipeman	2120	Dolman st.
Louis Miller	Pipeman	2642	California av.
Jos. Capelli	Pipeman	2210	Morgan st.
Oscar Guion	Pipeman	3317	Minnesota av.
Michael Gaffney	Pipeman	6	N. Cardinal av.
Thos. Murray	Watchman	2925	Clark av.

ENGINE COMPANY 11.

(2400 Bismarck Street.)

NAME.	POSITION.		RESIDENCE.
John Judge	Foreman	2009	Penn st.
Evan Ogan	Assistant Foreman	3520	Texas av.
Wm. Fader	Engineer	2356	S. Tenth st.
Jacob Kline	Fireman	3745	California av.
Louis Gelzheuser	Driver	3448	Texas av.
Louis Schreiber	Driver	2815	McNair av.
Albert Weber	Pipeman	3620	S. Broadway.
Theo. Birnbrier	Pipeman	405	Lami st.
Wm. J. Horstmeyer	Watchman	3526	Illinois av.

ENGINE COMPANY 12.

(816 North Seventh Street.)

NAME.	POSITION.		RESIDENCE.
John Angelo	Foreman	1120	S. Ninth st.
Frank Parina	Assistant Foreman	1315	Hogan st.
Wm. Murphy	Engineer	923	N. Eighteenth st.
Jos Gilfoil	Fireman	2628	Laclede av.
John Shea	Driver	4555	Kennerly av.
John Horn	Driver	3373	S. King's highway.
Michael Weakly	Pipeman	2319	La Salle.
Michael Donohue	Pipeman	503	S. Garrison av.
Edw. Ryan	Pipeman	3025	La Salle st.
Richard Shaughnessy	Pipeman	2135	Carr st.
Jas. T. Gleason	Pipeman	5912	Cote Brilliante av.
Hy. Bohanon	Watchman	724	Shenandoah st.

ENGINE COMPANY 13.

(Eleventh, Between Carr and Wash Streets.)

NAME.	POSITION.		RESIDENCE.
Jos. O'Brien	Foreman	2900	Gamble st.
John Miller	Assistant Foreman	1228	N. Market st.
Wm. Pilgrim	Engineer	1520	N. Eleventh st.
Jas. J. O'Brien	Fireman	2824	Park av.
John Church	Driver	3339	Sherman pl.
Hy. Smith	Driver	1316	Hogan st.
Chas. Reichelt	Pipeman	3922	Vest st.
Geo. Sturmfels	Pipeman	1835	Benton st.
Wm. Murphy	Pipeman	2724	St. Louis av.
Eugene Reynolds	Pipeman	1509	Franklin ave.
John Cleary	Pipeman	1551	N. Second st.
Edw. Schlessinger	Watchman	2035	Alice av.

ENGINE COMPANY 14.

(Fifteenth and Market Streets.)

NAME.	POSITION.		RESIDENCE.
John Sayers	Foreman	4218	Margarette av.
John Trefz	Assistant Foreman	3852	Evans av.
Jos. Hartung	Engineer	2664	Missouri av.
Andrew Forest	Fireman	2429	Laflin st.
Chas. McDonagh	Driver	5244	Spaulding av.
Maurice Colonna	Driver	306	S. Fourteenth st.
Wm. Schulze	Pipeman	2911	Manchester av.
John Gallagher	Pipeman	1439	N. Sarah st.
Geo. Hageman	Pipeman	2902	Natural Bridge rd.
Louis Manz	Pipeman	1402	Hebert st.
Cornelius Gallagher	Pipeman	1813	N. Tenth st.
Jas. Fitzgerald	Watchman	18	S. Sixteenth st.

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ENGINE COMPANY 15.

(415 South Broadway.)

NAME.	POSITION.		RESIDENCE.
Robert Haines	Foreman	1808	Rutger st.
Chas. Horst	Assistant Foreman	2266	Missouri av.
Jas. Butler	Engineer	909	S. Ninth st.
Fred Ebmeyer	Fireman	1116	N. Ninth st.
Phil Kloeppinger	Driver	3803	Kosciusko st.
Hy. Leeser	Driver	1126	St. Louis av.
John Miller	Pipeman	1508	N. Eighth st.
Wm. Heltzman	Pipeman	909	Whitnell st.
Wm. Freimuth	Pipeman	613	Manchester av.
Dominick Conroy	Pipeman	3028	Thomas st.
John Vantilberg	Pipeman	3505	Evans av.
Geo. Schoppe	Watchman	2215	S. Third st.

ENGINE COMPANY 16.

(Broadway and Park Avenue.)

NAME.	POSITION.		RESIDENCE.
Michael Doran	Foreman	1118	Spruce st.
Jos. Schweiger	Assistant Foreman	317	S. Second st.
Barney Brueggeman	Engineer	1419	S. Tenth st.
Lawrence Firnbach	Fireman	3906	Arsenal st.
Hy. Godejohan	Driver	2350	Rutger st.
Edw. Stanley	Driver	613	Rutger st.
Edw. Alt	Pipeman	1019	Hickory st.
Daniel Lang	Pipeman	3221	Pennsylvania av.
Roy Stephenson	Pipeman	2630	Allen av.
Hy Schultz	Pipeman	1114	S. Eighth st.
Rcbt. Hull	Pipeman	5031	Page av.
Jos. McCarthy	Watchman	3824	Page av.

ENGINE COMPANY 17.

(Leonard and Easton Avenues.)

NAME.	POSITION.		RESIDENCE.
Frank Franklin	Foreman	1221	Goodfellow av.
Geo. Rucker	Assistant Foreman	3109	Bell av.
Michael O'Brien	Engineer	2708	Stoddard st.
Chas. Crowley	Fireman	3058	Sheridan av.
Jas. Brannigan	Driver	3711	Lucky st.
Jas. Warden	Driver	3736	Evans av.
Eoin McGregor	Pipeman	2604	N. Tenth st.
Jas. Donovan	Pipeman	1523	N. Spring av.
Adam Wirth	Watchman	2709	St. Vincent av.

ENGINE COMPANY 18.

(814 North Seventh Street.)

NAME.	POSITION.		RESIDENCE.
Wm. Flowers	Foreman	900	S. Tenth st.
John Ernst	Assistant Foreman	1128	Newhouse av.
Jos. Cuolahan	Engineer	4515	N. Market st.
Chas. Clayton	Fireman	2820	Thomas st.
Geo. Morgan	Driver	2333	Franklin av.
John Sweeney	Driver	638	Tower Grove av.
Jos. Loughry	Pipeman	3730	Lucky st.
Jas. Tracy	Pipeman	1432	Cleary st.
Anthony Steinmeyer	Pipeman	3626	Dodier st.
Aug. Steinhoff	Pipeman	1423	Warren st.
Jos. Brewer	Pipeman	3728	Texas av.

ENGINE COMPANY 19.

(1120 St. Louis Avenue.)

NAME.	POSITION.		RESIDENCE.
Hy. Hillenkoetter	Foreman	1407	Dodier st.
Frank Israel	Assistant Foreman	1124	St. Louis av.
Neiel Lyons	Engineer	2712	N. Thirteenth st.
John Doyle	Fireman	1119	St. Louis av.
Louis Berger	Driver	2805	Hebert st.
Nathias Hornung	Driver	2703	N. Twelfth st.
Geo. Hammel	Pipeman	1102	Monroe st.
Oliver Jackson	Pipeman	2827	N. Twentieth st.
James King	Watchman	4051	Maffitt av.

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ENGINE COMPANY 20.

(4551 North Broadway.)

NAME.	POSITION.		RESIDENCE.
Hy. Kiener	Foreman	1104	Bissell st.
Hy. Klug	Assistant Foreman	823	Conde av.
Wm. Sederberg	Engineer	1423	Obear av.
John Reidmeyer	Fireman	4339	College av.
Chas. Trube	Driver	3645	Cozens av.
Jas. Hade	Driver	4545	N. Broadway.
Frank Kansteiner	Pipeman	2013	Alice av.
Edw. Preiss	Pipeman	3303	N. Eleventh st.
Michael Keenoy	Watchman	1524	N. Ninth st.

ENGINE COMPANY 21.

(3417 Manchester Avenue.)

NAME.	POSITION.		RESIDENCE
John McDonald	Foreman	3113	Pine st.
Edw. Freimuth	Assistant Foreman	3519	Clark av.
Wm. McManus	Engineer	3203	Morgan st.
Wm. Meeham	Fireman	1045	Theresa av.
Chas. Skinner	Driver	3521	Manchester av.
Patrick Scannell	Driver	4219	Vista av.
Michael Cody	Pipeman	3730	Howard st.
Wm. Spanning	Pipeman	4228	Manchester av.
Richard Wolf	Watchman	3122	Brantmer pl.

ENGINE COMPANY 22.

(116 Plum Street.)

NAME.	POSITION.		RESIDENCE.
Louis Joerder	Foreman	2823	Caroline st.
Thos. Burke	Assistant Foreman	315	Clark av.
Mathew Ward	Engineer	6633	Minnesota av.
Nicholas Schultz	Fireman	1222	Park av.
Hy. Kern	Driver	822	S. Broadway.
Gammage Harston	Driver	1025	N. Compton av.
Jas. J. O'Connor	Pipeman	2710	Eads av.
Lloyd Randolph	Pipeman	2608	N. Jefferson av.
Alex. Ruschenberg	Pipeman	3032	Clark ave.
Jas. Donnelly	Pipeman	404	S. Third st.
Rudolph Ufen	Watchman	3129	California av.

ENGINE COMPANY 23.

(129 West Kraus Street.)

NAME.	POSITION.		RESIDENCE.
William How	Foreman	3424	Walnut st.
Wm. Mahoney	Assistant Foreman	7303	S. Sixth st.
Hy. Westerman	Engineer	6904	Michigan av.
Thos. Shields	Fireman	7824	Minnesota av.
Peter Franey	Driver	5509	S. Sixth st.
Philip Conway	Driver	127	W. Kraus st.
Thos. Minahan	Pipeman	205	W. Schirmir st.
Herman Lohse	Pipeman	7409	Pennsylvania av.
Edward Murphy	Watchman	6805	Virginia av.

ENGINE COMPANY 24.

(1224 Spruce Street.)

NAME.	POSITION.		RESIDENCE.
John F. O'Donnell	Foreman	1214	Spruce st.
John Detwiler	Assistant Foreman	1111A	S. Twelfth st.
Luke McFarland	Engineer	2704	Dickson st.
Fred Leich	Fireman	1417	S. Seventh st.
Herman Kernebeck	Driver	3619	Eads av.
John Belrose	Driver	1302	S. Eighteenth st.
John McDonough	Pipeman	1112	St. Ange av.
Daniel Hogan	Pipeman	1316	Carr st.
Patrick McCarthy	Pipeman	216	S. 23d st.
Edw. Sweeney	Pipeman	919	N. 22nd st.
Carl Baker	Pipeman	12½	N. Third st.
Fred Kossman	Watchman	4731	Louisiana av.

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ENGINE COMPANY 25.

(Sixteenth and Mullanphy Streets.)

NAME.	POSITION.		RESIDENCE.
Harry Bridge	Foreman	4324	Blair av.
Geo. Carter	Assistant Foreman	1433	N. 24th st.
Thos. Shea	Engineer	1900	Coleman st.
John Kennedy	Fireman	1508	Kennett pl.
Patrick Ricks	Driver	913	N. 22nd st.
Jas. T. Buskeh	Driver	2939	Montgomery st.
John Finn	Pipeman	2414	Cass ave.
Jas. J. Brennan	Pipeman	1323	Elliot av.
Michael Tierney	Pipeman	3828	N. Market st.
Jos. J. Johnson	Pipeman	1401	N. Broadway.
Richard E. Ryan	Pipeman	2904	Morgan st.
John McCormick	Watchman	3425	Manchester av.

ENGINE COMPANY 26.

(2100 North Second Street.)

NAME.	POSITION.		RESIDENCE.
Joseph Israel	Foreman	4217	Prairie av.
Michael Hanlon	Assistant Foreman	2202	N. Tenth st.
Alex. Learmont	Engineer	3459	Park av.
John Barrett	Fireman	3919	Evans av.
Chas. Reichman	Driver	2323	St. Louis av.
Wm. O'Loughlin	Driver	1208	Elliot av.
Wm. McKenzie	Pipeman	1614	Olive st.
Wm. Noonan	Pipeman	30	Edmunds st.
Andrew Sheridan	Watchman	4143	Pleasant st.

ENGINE COMPANY 27.

(4551 Easton Avenue.)

NAME.	POSITION.		RESIDENCE.
Edw. Muelick	Foreman	4554	Garfield av.
John Green	Assistant Foreman	5216	Cote Brilliante av.
John Smith	Engineer	3947	Fairfax av.
John Cronan	Fireman	3921	Laclede av.
Jas. J. Heeney	Driver	1120	N. Jefferson av.
Jas. F. King	Driver	5325	Patton av.
Jas. J. McDermott	Pipeman	3142	Clifton pl.
Otto Schultz	Pipeman	3643	Cozzens av.
Wm. West	Watchman	4569	Easton av.

ENGINE COMPANY 28.

(4000 Morgan Street.)

NAME.	POSITION.		RESIDENCE.
Paul Smith	Foreman	3645	Cass av.
Wm. Gleason	Assistant Foreman	2938A	Madison st.
Jas. Gray	Engineer	3938	Finney av.
Thos. Manion	Fireman	3802	Finney av.
Phillip Lanham	Driver	3411	Eads av.
Fred Wolbrink	Driver	3725	Hebert st.
Wm. Cameron	Pipeman	1213	Walton av.
Steve Maykovia	Pipeman	1112	Pendleton av.
John Rice	Watchman	719	N. Whittier st.

ENGINE COMPANY 29.

(1219 Old Manchester Road.)

NAME.	POSITION.		RESIDENCE
David Preiss	Foreman	4149	Castleman av.
John Kelly	Assistant Foreman	4216	Norfolk av.
Geo. Geasland	Engineer	4330	Vista av.
John Volk	Fireman	4311	Manchester av.
John Howe	Driver	1313	Boyle av.
D. Maloney	Driver	4344	Manchester av.
Tim Monahan	Pipeman	2712	St. Louis av.
Frank Scherman	Pipeman	3957	Vista av.
Peter Cleary	Watchman	4253	Russell av.

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ENGINE COMPANY 30.

(5516 Vernon Avenue.)

NAME.	POSITION.	RESIDENCE.
Michael Toohey	Foreman	4956 Easton av.
Jere Callihan	Assistant Foreman	1824 Bayard av.
John Latty	Engineer	5044 Easton av.
Wm. Ward	Fireman	1447 Hodiamont av.
Patrick J. Stanton	Driver	1117 Hodiamont av.
John Flood	Driver	3814A Laclede av.
Benj. Jewell	Pipeman	5516 Vernon av.
Frank Arrow	Pipeman	4003 Kennerly av.
J. Beggs	Watchman	1216 West End av.

ENGINE COMPANY 31.

(Warne and Kossuth Avenues.)

NAME.	POSITION.	RESIDENCE.
Michael Furey	Foreman	1800 N. Elliot av.
Fred Wagner	Assistant Foreman	4505 N. Nineteenth st.
John Collins	Engineer	1821 Belle Glade av.
Thos. O'Connor	Fireman	1529 Vail pl.
John Welch	Driver	3959 Lincoln av.
Thos. Finnegan	Driver	4518 N. Nineteenth st.
Tim. Sullivan	Pipeman	4206A Margarette av.
Patrick Collins	Pipeman	3900 Lincoln av.
John Niehaus	Watchman	4162 Pleasant st.

ENGINE COMPANY 32.

(Twentieth and Washington Avenue.)

NAME.	POSITION.	RESIDENCE.
Alonzo Salmon	Foreman	1418 Francis st.
Geo. Thornhill	Assistant Foreman	1440 N. Garrison av.
Louis Guitar	Engineer	2744 Allen av.
Gustave Kinderman	Fireman	1517 Pendleton av.
John F. O'Brien	Driver	3864 Page av.
John Weigel	Driver	1635 Helen st.
Herman Reitz	Pipeman	2025 Wash st.
Martin Burke	Pipeman	6129 Bartmer av.
Geo. Smith	Pipeman	1714 N. Twentieth st.
John Dunn	Pipeman	5520 Wells av.
Richard Sweeney	Pipeman	785 Bayard av.
John Horey	Watchman	5058 Wells av.

ENGINE COMPANY 33.

(Louisiana and Park Avenues.)

NAME.	POSITION.	RESIDENCE.
Anthony Brandenberg	Foreman	415 S. Garrison av.
Jas. A. Adams	Assistant Foreman	3824 Laclede av.
Perry Histed	Engineer	3320 Park av.
Edw. Howard	Fireman	3441 Henrietta st.
Louis Figge	Driver	3311 Cherokee st.
Luke McConn	Driver	3321 Park av.
Michael Broderick	Pipeman	1537 Vail pl.
Richard Standish	Pipeman	2720 Howard st.
John Hennesey	Watchman	2128 Adams st.

ENGINE COMPANY 34.

(Broadway and Hurck Street.)

NAME.	POSITION.	RESIDENCE.
Edw. Devine	Foreman	7402 Virginia av.
John W Conrad	Assistant Foreman	6805 S. Broadway.
Samuel Buchanan	Engineer	3443 S. Jefferson av.
Seth Little	Fireman	402 W. Davis st.
John Morrison	Driver	8415 S. Broadway.
John Schneider	Driver	6105 Vermont av.
Fred Zimmerman	Pipeman	2849 Salena st.
Wm. H. Haley	Pipeman	126 W. Haven st.
Geo. Buettner	Watchman	3629 S. Broadway.

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ENGINE COMPANY 35.

(Sublette Avenue and Arsenal Street.)

NAME.	POSITION.	RESIDENCE.
James Adams	Foreman	5367 Arsenal st.
John Gartenbach	Assistant Foreman	5451 Arsenal st.
Chas. T. Miller	Engineer	2134 Gratiot st.
Wm. Coan	Fireman	5431 Old Manchester rd.
Thos. Weaver	Driver	5363 Arsenal st.
Wm. Thomas	Driver	5098 Arsenal st.
Edw. McEnany	Pipeman	5729 Arsenal st.
Michael Yates	Pipeman	3120 Porters ave.
John Hines	Watchman	3508 Clark av.

HOSE COMPANY 36.

(Union and Cote Brilliante Avenues.)

NAME.	POSITION.	RESIDENCE.
Chas. King	Foreman	1304 Boyle av.
Jas. Early	Driver	5186 Easton av.
Martin Tiernan	Pipeman	1903 Union av.
Wm. Thornhill	Pipeman	5112 Easton av.
Frank Mestermacher	Pipeman	1614 Burd av.
Adam Newman	Watchman	1154 Leonard av.

ENGINE COMPANY 37.

(Broadway and Halls Ferry Road.)

NAME.	POSITION.	RESIDENCE.
Thos. Fitzpatrick	Foreman	12 N. Ninth st.
John Ammon	Assistant Foreman	1421 E. Grand av.
Hy. Brunning	Engineer	4104 N. Twentieth st.
Casper Wigge	Fireman	719 Baden av.
Titus Williams	Driver	4162 Warne av.
Wm. Noonan	Driver	616 Schiller av.
Oliver Wehmeyer	Pipeman	5321 N. Broadway.
Wm. Carpenter	Pipeman	2014 N. John ave.
Bart Wetzel	Watchman	2025 Penrose av.

ENGINE COMPANY 38.

(3500 South Grand Avenue.)

NAME.	POSITION.	RESIDENCE.
Chas. Alt	Foreman	3546 Gravois av.
Frank Gummels	Assistant Foreman	3324 California av.
James O'Shea	Engineer	1523 Belt av.
Jas. Heidury	Fireman	3523 Itaska st.
Wm. A. Scherf	Driver	3345 Indiana av.
Fred Bohley	Driver	3621 Missouri av.
Patrick Stack	Pipeman	2940 Cass av.
Aloys Davis	Pipeman	3109 Cherokee st.
Edw. Schneider	Watchman	3012 Pennsylvania av.

ENGINE COMPANY 39.

(415 South Broadway.)

NAME.	POSITION.	RESIDENCE.
Daniel O'Connell	Foreman	2814 S. Ninth st.
Arthur Gray	Assistant Foreman	1226 S. Eighteenth st.
August Bayers	Engineer	2613 Adams st.
Hy. Ost	Fireman	3227 S. Seventh st.
Chas. Clark	Driver	2825 Bernard st.
Geo. Ost	Driver	1120 S. Ninth st.
Wm. B. Miller	Pipeman	2649 Chouteau ave.
John F. Shea	Pipeman	1156 Leonard av.
Michael Mitchell	Pipeman	1385 Hodiamont av.
Christ Flood	Pipeman	3814 Laclede av.
John J. McNulty	Pipeman	7117 Minnesota av.

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ENGINE COMPANY 40.

(Eleventh and Lucas Avenue.)

NAME.	POSITION.		RESIDENCE.
Wm. Garvin	Foreman	2746	Chippewa st.
Chas. Stark	Assistant Foreman	2339	Adams st.
John Warden	Engineer	2128	Carr st.
Theo. Wolff	Fireman	1146	Leonard ave.
Patrick Kilcullen	Driver	2420	Cass ave.
Tim Ryan	Driver	1443	Grattan st.
Frank Werminghaus	Pipeman	1426	Wash st.
Wm. Haas	Pipeman	3320	Wisconsin ave.
Emil Zolezzi	Pipeman	802	N. 7th st.
Walter Clooney	Pipeman	2316	Division st.
Jos. Thompson	Pipeman	6207	Michigan av.
Louis Ott	Watchman	3421	Indiana av.

ENGINE COMPANY 41.

(Eleventh and Lucas Avenue.)

NAME.	POSITION.		RESIDENCE.
Herman Juelg	Foreman	3821	Indiana av.
Edw. C. Riedel	Assistant Foreman	2846	Wyoming st.
Aug. Schaefer	Engineer	2509	N. Tenth st.
John Clark	Fireman	1121	S. Thirteenth st.
Geo. Hensiek	Driver	1719	N. Ninth st.
Wm. J. O'Donnell	Driver	1411	N. Seventh st.
Chas. Gander	Pipeman	2212	Bismarck st.
Arthur Hesse	Pipeman	3662	Blaine av.
Patrick Casserly	Pipeman	6129	Bartmer av.
Albert Aulbach	Pipeman	2856	S. Eighteenth st.
Wm. Dixon	Pipeman	4056	Easton av.

ENGINE COMPANY 42.

(World's Fair Grounds.)

NAME.	POSITION.		RESIDENCE.
Peter Ahearn	Foreman	3830	Page av.
Michael Kane	Assistant Foreman	1328	Biddle st.
John Sanford	Engineer	3748	Olive st.
Ira Butler	Fireman	2828	N. 21st st.
Joseph Schwartz	Driver	5965	Theodosia av.
John Haley	Driver	4346	N. Market st.
Fred Wehmeyer	Pipeman	4053	Finney av.
Jos. O'Hara	Pipeman	6401	Manchester av.
Isaac Altstadt	Watchman	3127	Morgan Ford rd.

HOOK AND LADDER COMPANY 1.

(McNair and Gravois Avenues.)

NAME.	POSITION.		RESIDENCE.
Cornelius Zeller	Foreman	2735	Armand st.
William Morgan	Assistant Foreman	4258	Humphrey st.
Wm. J. Williamson	Driver	2711	Tennessee av.
Eugene Behr	Ladderman	2404	McNair av.
Walter Severn	Ladderman	3678	S. Broadway.
Wm. Hahn	Ladderman	2910	Missouri ave.
Abe. Schnurmacher	Ladderman	2413	McNair ave.
John Karb	Ladderman	2416	S. Thirteenth st.
Bernard Keller	Ladderman	3012	Lemp av.

HOOK AND LADDER COMPANY 2.

(Twenty-second and North Market Streets.)

NAME.	POSITION.		RESIDENCE.
John Howard	Foreman	2016	Division st.
Hy. F. Krenning	Assistant Foreman	738	N. Euclid av.
Chas. Schanbusch	Driver	2213	Benton st.
Patrick Larkin	Ladderman	1711	Monroe st.
Daniel McCarthy	Ladderman	6016	Horton pl.
Robert Burke	Ladderman	2506	N. 22nd st.
Oscar Rockling	Ladderman	1432	N. Twelfth st.
Louis J. Schlagel	Ladderman	1617	N. 23rd st.
James Walsh	Ladderman	2938	Cass ave.

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HOOK AND LADDER COMPANY 3.

(Ninth, Between Chestnut and Market Streets.)

NAME.	POSITION.	RESIDENCE.
Paul Will	Foreman	1507 S. Eleventh st.
Wm. Schwidde	Assistant Foreman	3316 N. Eleventh st.
Wm. Hawe	Driver	3160 School st.
Chas. Toussaint	Ladderman	2628 Caroline st.
Samuel Smith	Ladderman	2615 Sullivan av.
Chas. Lowe	Ladderman	506 S. Garrison av.
Wm. Ploeger	Ladderman	2330 Mullanphy st.
Martin J. Foley	Ladderman	1121 N. 24th st.
Wm. J. Murphy	Ladderman	2409 Coleman st.
Edw. Kane	Ladderman	1408 Grattan st.

HOOK AND LADDER COMPANY 4.

(415 South Broadway.)

NAME.	POSITION.	RESIDENCE.
Wm. Panzer	Foreman	415 S. Broadway.
Jos. Ogulin	Assistant Foreman	2867 S. Seventh st.
John P. Mooney	Driver	4021 St. Ferdinand st.
Geo. Dunsford	Ladderman	2722 Rutger st.
Patrick J. Rice	Ladderman	2505 Sheridan av.
Wm. Sheehy	Ladderman	7228 Minnesota av.
Thos. Flowers	Ladderman	920 N. Nineteenth st.
Francis Ryan	Ladderman	2908 Madison st.
Michael Waters	Ladderman	3227 Cass av.
Jas. Langwith	Ladderman	3745 Lincoln av.

HOOK AND LADDER COMPANY 5.

(Theresa and Manchester Avenues.)

NAME.	POSITION.	RESIDENCE.
Edw. McCarty	Foreman	3407 Manchester av.
Frank Kussman	Assistant Foreman	5119 Wells av.
John Sexton	Driver	2330 Arkansas av.
Jos. J. Hoffman	Ladderman	1701 O'Fallon st.
Wm. J. Burns	Ladderman	1304 Clark av.
Wm. Mayer	Ladderman	510 N. Leonard av.
John McLaughlin	Ladderman	3856 Easton av.
Louis Schulte	Ladderman	4004 Lee av.
Thos. J. Smith	Ladderman	4063 Oline st.

HOOK AND LADDER COMPANY 6.

(508 North Third Street.)

NAME.	POSITION.	RESIDENCE.
Adolph Hartman	Foreman	2725 S. Seventh st.
Allen Ennis	Assistant Foreman	3313 Vista av.
Hy. Doeding	Driver	3950 S. Ninth st.
Chas. Milke	Ladderman	2004 Gravois av.
Chas. Moeloth	Ladderman	616 S. Third st.
Aaron H. Lanham	Ladderman	201A S. Leffingwell.
Frank Devota	Ladderman	1000 Walnut st.
Herman Wientage	Ladderman	4547A St. Louis av.
John Cleary	Ladderman	1407 Papin st.

HOOK AND LADDER COMPANY 7.

(Eighth and Mullanphy Streets.)

NAME.	RESIDENCE.	POSITION.
Peter Murphy	Foreman	2422 N. Elliot av.
Daniel Reardon	Assistant Foreman	1518 N. Eighteenth st.
Wm. D. Fischer	Driver	1516 N. Eleventh st.
Fred Doerr	Ladderman	1623 Wash st.
James Woods	Ladderman	2803 Madison st.
Thos. Flynn	Ladderman	2535 Benton st.
Theo. Voelker	Ladderman	2312 Salisbury st.
Chas. Hug	Ladderman	1522 N. Eleventh st.
Richard Pickett	Ladderman	803 N. Tenth st.
John Healy	Ladderman	3900 Lincoln av.

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HOOK AND LADDER COMPANY 8.

(Twentieth and Washington Avenue.)

NAME.	POSITION.	RESIDENCE.
Jos. Boland	Foreman	3521 Clark av.
Jos. LaPage	Assistant Foreman	1523 Menard st.
Andrew Sippel	Driver	2737 Laclede av.
John Nestor	Ladderman	6042 Horton pl.
Martin Wall	Ladderman	Engine House.
John Purcell	Ladderman	2640 Caroline st.
Chas. Hartz	Ladderman	2908 Salena st.
John G. Austerman	Ladderman	1913 Linton av.
Henry Roehr	Ladderman	1117 Mallinckrodt st.
Daniel Callihan	Ladderman	3936 Iowa av.

HOOK AND LADDER COMPANY 9.

(4000 Morgan Street.)

NAME.	POSITION.	RESIDENCE.
Robert Punshon	Foreman	4257A Garfield av.
John Ferris	Assistant Foreman	2505 Coleman st.
Michael McNamara	Driver	3708 Lucky st.
Robert Thornhill	Ladderman	3409 Manchester av.
Fred Schweigert	Ladderman	1416A Grand av.
Wm. Juelich	Ladderman	3167 Alfred av.
Francis P. O'Connor	Ladderman	4432 Cottage av.
Peter Finnegan	Ladderman	1416A Grand av.
Fred Schermann	Ladderman	3227 Vista av.

HOOK AND LADDER COMPANY 10.

(Sublette Avenue and Arsenal Street.)

NAME.	POSITION.	RESIDENCE.
John Finnegan	Foreman	4933 Arsenal st.
Fred Koelker	Assistant Foreman	4953 Arsenal st.
Jos. Byrnes	Driver	5524 Old Manchester rd.
Thos. Callihan	Ladderman	1313 S. Eighth st.
Henry Batz	Ladderman	3554 California av.
Francis Pearse	Ladderman	3405 Walnut st.
Octavius Pelloux	Ladderman	5618 Magnolia av.
Daniel Small	Ladderman	5091 Arsenal st.
Wm. Hawkins	Ladderman	2326 Adams st.

HOOK AND LADDER COMPANY 11.

(129 West Kraus Street.)

NAME.	POSITION.	RESIDENCE.
Louis Baumgartner	Foreman	528 Poepping st.
John Koeln	Assistant Foreman	7409 Pennsylvania av.
William Coan	Driver	209 W. Schirmer st.
Fred Boelling	Ladderman	1204 Allen av.
James Cummings	Ladderman	7324 Virginia av.
Casper Schnell	Ladderman	2854 St. Louis av.
Ernest Schultz	Ladderman	7323 Pennsylvania av.
Harry Morrison	Ladderman	311 E. Espenschied st.
John Hanmore	Ladderman	624 S. Second st.

HOOK AND LADDER COMPANY 12.

(Grand Avenue and Broadway.)

NAME.	POSITION.	RESIDENCE.
Thomas Farrell	Foreman	826 S. Eighth st.
Isaac Kelly	Assistant Foreman	5255 Belleview av.
Richard Voelker	Driver	2312 Salisbury st.
John Dreyer	Ladderman	4053 Finney av.
John Bowman	Ladderman	4606 N. Broadway.
August Hoffman	Ladderman	3908 Glasgow av.
Louis Bleikamp	Ladderman	1824 N. Seventeenth st.
Wm. Brinkmeyer	Ladderman	1910 Dodier st.
Davis Duffy	Ladderman	2719 Thomas st.

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HOOK AND LADDER COMPANY 13.

(Eleventh and Lucas Avenue.)

NAME.	POSITION.		RESIDENCE.
Fred Placke	Foreman	1415	Francis st.
John Devine	Assistant Foreman	3739	College av.
Peter Simpson	Driver	3926	N. 21st st.
John P. Skerritt	Ladderman	1976	Clara av.
Fred Spitzfaden	Ladderman	3235	N. Nineteenth st.
Chas. Kline	Ladderman	1203	Missouri av.
Chas. Bradley	Ladderman	120	S. Rankin av.
Joseph T. Lynch	Ladderman	930	S. Ninth st.
Daniel Hogan	Ladderman	6222	Pennsylvania av.
Wm. Barrick	Ladderman	3419	Franklin av.

HOOK AND LADDER COMPANY 14.

(World's Fair Grounds.)

NAME.	POSITION.		RESIDENCE.
David Ebelmesser	Foreman	2519	Mullanphy st.
Robert Russell	Assistant Foreman	3401	Walnut st.
Wm. Curran	Driver	4952	Reber pl.
John Mulvoy	Ladderman	5615	Old Manchester rd.
David Warden	Ladderman	5955	N. Market st.
Chas. Holland	Ladderman	3522	Clark ave.
Sherman McBride	Ladderman	3427	Pine st.
Joseph Freimel	Ladderman	3914	Clayton av.
Patrick Winters	Ladderman	1124	Kentucky av.

HOSPITAL DETAIL.

NAME.	POSITION.		RESIDENCE.
Chas. Corry	City Hospital	2127	Adelaide av.
John Gleason	City Hospital	1427	N. Fourteenth st.
Fred Balz	Female Hospital	2410	S. Third st.
George Hall	Female Hospital	3017	Chestnut st.
Wm. Connors	House of Refuge	216	Quincy st.
John Finnerty	House of Refuge	3413	Franklin av.
Wm. Findlay	Insane Asylum	113	S. Third st.
Michael McCormick	Insane Asylum	3882	Windsor pl.
Austin Shay	Poor House	5098	Arsenal st.
Michael Dundon	Poor House	6711	Minnesota av.

WATER TOWER COMPANY 1.

(Twentieth and Washington Avenue.)

NAME.	POSITION.		RESIDENCE.
Conrad Heidury	Foreman	4429	Cote Brilliante av.
Patrick O'Brien	Driver	1800A	Leffingwell av.
Chas. Sivadie	Pipeman	4801	Hammett pl.
Chas. Phillips	Pipeman		Engine House.

WATER TOWER COMPANY 2.

(508 North Third Street.)

NAME.	POSITION.		RESIDENCE.
Frank Cudmore	Foreman	3457	Lawton av.
Andrew Kirk	Driver	3328	Lucas av.
Nicholas Mansfield	Pipeman	2739	Howard st.
Frank Henderson	Pipeman	4236	Fairfax av.

FUEL WAGON DETAILS.

NAME.	POSITION.		RESIDENCE.
Oscar Buckman	Number 1	1344	N. King's highway.
Michael O'Rourke	Number 1	2752	Park av.
William Ellenberger	Number 2	2926	Michigan av.
Thomas Dolan	Number 2	3623	St. Louis av.
John Shea	Number 3	2244	Warren st.
Mathew Dufour	Number 3	3335	Laclede av.
Wm. Benninger	Number 4	2107	Whitnell av.
Albert Hause	Number 4	3245	Oregon av.
Michael O'Brien	Number 5	7329	Minnesota av.
Robert Sexton	Number 5	1009	Palm st.
Frank Reedy	Number 6	2714	Dickson st.
George Koenig	Number 6	2410	S. Seventh st.
Wm. Teson	Number 7	2716	Dickson st.
Martin Koenig	Number 7	2048	Gano av.
Maurice Dillon	Number 8	2915	Benton st.
Patrick Buttermore	Number 8	3609	Cozens av.
Jas. Busby	Number 9	2136	Carr st.
John Buckley	Number 9	2318	St. Louis av.

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EXHIBIT B.

THE DEPARTMENT IS DIVIDED INTO EIGHT DISTRICTS, EACH DISTRICT BEING UNDER THE COMMAND OF AN ASSISTANT CHIEF, AS FOLLOWS:

District.	Headquarters of Commanding Officer.	Engine Companies.	Hook and Ladder Companies.	Hose Companies.	Water Tower Companies.	Fuel Wagons.
1	Engine House No. 23.	12, 18, 23, 40, 41	6, 13	.....	2	6
2	" " " 15	6, 15, 16, 22, 39	3, 4	.....	.....	2
3	" " " 7	7, 10, 14, 24, 32	8	.....	1	7, 8
4	" " " 25	4, 5, 9, 13, 25	2, 7	.....	.....	3
5	" " " 19	8, 19, 20, 26, 37	12	.....	.....	.....
6	" " " 17	17, 27, 28, 30	9	36	.....	.....
7	" " " 21	21, 29, 33, 35, 38, 42	5, 10, 14	.....	.....	1, 9
8	" " " 1	1, 2, 3, 11, 34	1, 11	.....	.....	4, 5

SHOWING NUMBER OF MEN IN EACH DISTRICT.

District.	Foremen.	Assistant Foremen.	Engineers.	Firemen	Drivers.	Pipemen.	H. & L. Men.	Fuel W. Men.	Watchmen.	Hospital Detail.	Total.
1	8	7	5	5	13	27	14	2	3	.....	84
2	7	7	5	5	12	25	14	2	4	.....	81
3	7	6	5	5	12	27	7	4	5	2	80
4	7	7	5	5	12	22	13	2	5	.....	78
5	7	7	6	6	13	12	6	.....	6	.....	63
6	6	5	4	4	10	11	6	.....	5	.....	51
7	9	9	6	6	15	12	18	4	6	6	91
8	7	7	5	5	12	10	12	4	5	2	69
Total	58	55	41	41	99	146	90	18	39	10	597

Officers	13
Total	610

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EXHIBIT C.

SHOWING INCREASE IN THE DEPARTMENT DURING PAST TEN YEARS.

YEAR.	Number of Engine Companies.	Number of Hook and Ladder Companies.	Number of Chemical Engine Companies.	Number of Hose Companies.	Number of Water Towers.	Hospital Detail.	Number of Officers and Men.
1895	35	11	2	.....	1	.....	469
1896	35	11	†2	.....	1	.....	469
1897	36	11	2	1	1	.....	478
1898	36	12	‡1	1	2	.....	498
1899	36	12	1	1	2	.....	498
1900	37	12	1	1	2	.....	502
1901	*38	12	.....	1	2	.....	506
1902	38	12	.....	1	2	10	516
1903	38	12	.....	1	2	10	‖558
1904	41	14	.....	1	2	10	§610

*Chemical Engine Company discontinued and Hook and Ladder Company organized.

‡Chemical Engine Company discontinued and Water Tower Company organized.

†Chemical Engine Company discontinued and Engine Company organized.

‖Addition of one Master Mechanic and 41 men, increasing the downtown companies to one additional man.

§Increasing the department of three engine companies and two truck companies.

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EXHIBIT D.

FIRE SERVICES PERFORMED BY ENGINE COMPANIES.

Company.	Number of Alarms.	Number of fires performed duty	Time in Service.		No. of Feet of Hose in Service.				Number of fires extinguished with chemicals.
			Hours.	Min.	3-in.	2½-in.	1-in.	¾-in.	
1	230	76	84	30	.....	20,250	1,900	1,650	7
2	60	21	20	17	.....	8,800	800	800	.....
3	117	42	76	15	.....	12,550	800	.....	8
4	304	83	93	45	.....	12,100	.....	5,450	14
5	97	30	36	55	.....	10,100	.....	.....	.....
6	283	70	135	55	.....	35,200	.....	.....	.....
7	244	46	75	21	.....	19,350	600	300	8
8	132	38	61	45	.....	16,600	.....	1,800	13
9	163	48	72	.....	.....	20,350	.....	2,650	12
10	308	81	134	.....	.....	20,200	.....	11,300	34
11	145	34	81	30	.....	5,600	.....	500	.....
12	292	83	104	.....	.....	22,450	.....	9,850	13
13	341	77	90	5	.....	23,500	.....	8,800	11
14	309	102	107	.....	9,100	33,750	.....	.....	.....
15	186	37	85	50	3,000	18,750	.....	.....	.....
16	205	56	76	.....	.....	21,050	1,050	3,050	13
17	348	72	92	40	.....	25,800	3,150	.....	13
18	228	48	106	30	5,100	23,350	.....	.....	.....
19	163	39	57	.....	.....	14,950	.....	200	.....
20	97	21	37	38	.....	9,050	.....	200	.....
21	249	60	124	15	.....	22,600	5,800	.....	17
22	133	45	91	15	.....	18,900	.....	1,800	8
23	191	68	97	.....	2,600	21,850	.....	.....	.....
24	252	53	67	10	.....	12,750	.....	4,400	11
25	165	45	61	15	.....	20,000	.....	2,500	14
26	93	43	57	45	.....	20,100	.....	.....	.....
27	193	46	82	15	.....	21,100	.....	1,200	3
28	199	141	141	.....	.....	57,400	5,100	.....	12
29	137	49	52	36	.....	13,420	1,600	.....	.....
30	100	45	53	30	.....	16,300	.....	1,250	8
31	86	26	27	30	.....	10,100	.....	.....	.....
32	315	104	130	30	.....	26,900	6,400	.....	32
33	163	46	67	40	.....	16,900	500	.....	4
34	43	14	32	15	.....	5,350	825	200	3
35	70	28	28	.....	.....	10,350	.....	.....	.....
36	94	22	29	15	.....	11,250	.....	500	.....
37	55	15	26	30	.....	7,350	.....	.....	.....
38	125	29	31	15	.....	4,550	.....	.....	.....
39	209	64	110	.....	.....	17,700	.....	8,350	21
40	6	.....	.....	.....	.....	.....	.....	.....	.....
41	10	1	.....	45	.....	200	.....	.....	.....

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EXHIBIT E.

FIRE SERVICE PERFORMED BY HOOK AND LADDER COMPANIES.

Number.	Number of Alarms Responded.	Number of fires performed duty at.	Time in Service.		Number of feet of Ladders used	Number of fires extinguished with chemicals.
			Hours.	Min.		
1	321	162	156	25	3754	10
2	326	138	64	05	4330	.....
3	330	189	154	45	3389	6
4	332	164	160	.....	2914	1
5	232	92	96	50	1963	.....
6	312	113	148	.....	3283	20
7	217	107	130	45	2200	.....
8	356	211	147	15	2800	3
9	299	195	213	45	2846	.....
10	53	47	64	.....	1108	.....
11	67	34	23	10	575	2
12	134	70	105	.....	4173	.....
13	14	5	4	45	45	1
WATER TOWER COMPANIES.						
1	145	5	6	.....	.....	.....
2	159	1	3	30	.....	.....

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EXHIBIT F.

SHOWING THE NUMBER OF FEET OF HOSE IN EACH COMPANY, AND IN RESERVE.

Number of Company.	No. Feet of Cotton Hose.		No. Feet of Rubber Hose		Condition.
	3 in.	2½ in.	1 in.	¾ in.	
1	.....	1,600	300	.....	First Class
2	.....	2,000	100	250	" "
3	.....	1,600	250	.....	" "
4	.....	1,500	50	200	" "
5	.....	1,600	50	50	" "
6	.....	2,800	50	50	" "
7	.....	1,600	50	200	" "
8	.....	1,550	100	200	" "
9	.....	1,550	100	200	" "
10	.....	1,600	250	.....	" "
11	.....	1,600	100	250	" "
12	.....	2,000	50	250	" "
13	.....	1,500	100	200	" "
14	1,200	1,500	50	.....	" "
15	1,250	1,500	50	.....	" "
16	.....	1,600	100	200	" "
17	.....	1,700	100	200	" "
18	1,200	1,400	50	.....	" "
19	.....	1,500	50	250	" "
20	.....	1,400	100	.....	" "
21	.....	1,600	50	200	" "
22	.....	1,500	150	200	" "
Union 2	1,250	1,550	50	.....	" "
24	.....	1,800	300	100	" "
25	.....	1,450	50	250	" "
26	.....	1,500	150	.....	" "
27	.....	1,600	50	200	" "
28	.....	1,600	.....	250	" "
29	.....	2,200	.....	200	" "
30	.....	1,950	.....	250	" "
31	.....	2,050	100	.....	" "
32	.....	1,500	.....	300	" "
33	.....	1,600	50	250	" "
34	.....	2,050	100	200	" "
35	.....	1,300	50	.....	" "
36	.....	2,300	.....	200	" "
37	.....	2,150	.....	200	" "
38	.....	2,100	.....	200	" "
39	.....	1,700	.....	250	" "
40	.....	2,500	200	.....	" "
41	.....	2,000	200	.....	" "
42	.....	2,000	200	.....	" "
Hook and Ladder—					
3	.....	50	.....	.....	" "
4	.....	50	.....	.....	" "
5	.....	50	.....	.....	" "
6	.....	50	.....	.....	" "
7	.....	50	.....	.....	" "
8	.....	50	.....	.....	" "
13	.....	50	.....	.....	" "
Water Tower—					
		3½ in.			
1	.....	60	.....	.....	" "
2	.....	120	.....	.....	" "
		2½ in.			
Reserve	2,750	13,950	2,300	2,300	" "
Old. Reserve	1,250	5,600	.....	.....	" "
Service	3,650	74,250	2,900	5,950	" "
Plugging	.....	3,500	.....	.....	" "
Rubber	.....	1,000	.....	.....	" "

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EXHIBIT G.

DESCRIPTION OF ENGINES.

Number.	Size.	Style.	Year Built.	Boiler.	Capacity.	Built by
1	2	Crane neck double pump	1895	Coil	700	American Fire Eng. Co.
2	3	Straight double pump...	1884	Coil	550	Ahrens Mfg. Co.
3	3	Straight double pump...	1884	Met.	550	Ahrens Mfg. Co.
4	2	Crane neck double pump	1897	Coil	700	American Fire Eng. Co.
5	3	Straight double pump...	1880	Coil	550	Ahrens Mfg. Co.
6	1	Crane neck double pump	1898	Met.	950	American Fire Eng. Co.
7	2	Crane neck double pump	1902	Met.	700	American Fire Eng. Co.
8	3	Crane neck double pump	1894	Coil	550	American Fire Eng. Co.
9	1	Crane neck double pump	1894	Coil	750	American Fire Eng. Co.
10	1	Crane neck double pump	1888	Met.	750	Ahrens Mfg. Co.
11	2	Crane neck double pump	1895	Coil	650	American Fire Eng. Co.
12	1	Crane neck double pump	1897	Met.	950	American Fire Eng. Co.
13	2	Crane neck double pump	1897	Coil	700	American Fire Eng. Co.
14	1	Crane neck double pump	1901	Met.	950	American Fire Eng. Co.
15	1	Crane neck double pump	1898	Met.	950	American Fire Eng. Co.
16	3	Crane neck double pump	1894	Coil	550	American Fire Eng. Co.
17	3	Straight double pump...	1884	Met.	550	Ahrens Mfg. Co.
18	1	Crane neck double pump	1901	Met.	950	American Fire Eng. Co.
19	2	Crane neck double pump	1892	Coil	600	American Fire Eng. Co.
20	4	Crane neck double pump	1893	Coil	500	American Fire Eng. Co.
21	3	Straight double pump...	1885	Met.	550	Ahrens Mfg. Co.
22	2	Crane neck double pump	1898	Coil	700	American Fire Eng. Co.
Uni	Ext					
2	1	Crane neck double pump	1902	Met.	1100	American Fire Eng. Co.
24	2	Crane neck double pump	1903	Met.	700	American Fire Eng. Co.
25	2	Crane neck double pump	1901	Met.	700	American Fire Eng. Co.
26	2	Crane neck double pump	1895	Coil	700	American Fire Eng. Co.
27	3	Crane neck double pump	1887	Coil	550	Ahrens Mfg. Co.
28	3	Crane neck double pump	1888	Met.	550	Ahrens Mfg. Co.
29	3	Crane neck double pump	1889	Met.	550	Ahrens Mfg. Co.
30	4	Crane neck double pump	1900	Met.	500	American Fire Eng. Co.
31	3	Crane neck double pump	1895	Coil	550	American Fire Eng. Co.
32	1	Crane neck double pump	1882	Met.	800	Ahrens Mfg. Co.
33	3	Crane neck double pump	1895	Coil	550	American Fire Eng. Co.
34	3	Crane neck double pump	1892	Coil	550	American Fire Eng. Co.
35	4	Crane neck double pump	1882	Coil	450	Ahrens Mfg. Co.
37	3	Straight double pump...	1895	Coil	550	Ahrens Mfg. Co.
38	4	Straight double pump...	1895	Coil	550	Ahrens Mfg. Co.
39	2	Crane neck double pump	1898	Coil	700	American Fire Eng. Co.
40	Ext					
	1	Crane neck double pump	1903	Met.	1100	American Fire Eng. Co.
41	2	Crane neck double pump	1903	Met.	700	American Fire Eng. Co.
42	4	Crane neck double pump	1895	Coil	500	Ahrens Mfg. Co.

RESERVE ENGINES.

1	3	Straight single pump....	1875	Coil	500	Ahrens Mfg. Co.
2	2	Straight single pump....	1878	Coil	600	Ahrens Mfg. Co.
3	2	Straight single pump....	1872	Coil	600	Ahrens Mfg. Co.
4	2	Straight single pump....	1871	Coil	600	Ahrens Mfg. Co.
5	3	Straight single pump....	1876	Coil	500	Ahrens Mfg. Co.
6	2	Crane neck single pump	1886	Coil	650	Ahrens Mfg. Co.
7	3	Straight single pump....	1878	Coil	450	Ahrens Mfg. Co.
8	2	Crane neck single pump	1891	Coil	750	Ahrens Mfg. Co.
9	2	Crane neck single pump	1893	Coil	750	Ahrens Mfg. Co.
10		Straight single pump for pumping purposes	1875	Coil	1400	Ahrens Mfg. Co.

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EXHIBIT H.

DESCRIPTION OF HOSE WAGONS AND REELS.

Number.	Style.	Hose Capacity. 2½ in.	3 in.	¾ in.	Chemical Capacity, Gallons	Built By
1	Reel	1,000	.....	200	35	Rebuilt by F. Wagner, St. Louis.
2	Wagon	1,000	.....	200	35	J. Kimpel, St. Louis.
3	Reel	800	.....	200	35	P. J. Cooney, St. Louis.
4	Wagon	1,000	.....	250	50	Rebuilt by J. M. Selzer, St. Louis.
5	Reel	1,000	.....	.....	.....	Rebuilt by J. M. Selzer, St. Louis.
6	Wagon	1,500	.....	.....	.....	F. Wagner, St. Louis.
7	"	800	.....	200	35	F. Wagner, St. Louis.
8	Reel	800	.....	200	35	P. J. Cooney, St. Louis.
9	"	800	.....	200	35	P. J. Cooney, St. Louis.
10	Wagon	800	.....	200	35	Rebuilt by F. Wagner, St. Louis.
11	"	800	.....	200	35	Rebuilt by F. Wagner, St. Louis.
12	"	1,000	.....	200	50	P. J. Cooney, St. Louis.
13	"	800	.....	200	35	Rebuilt by F Wagner, St. Louis.
14	"	750	600	.....	.....	F. Wagner, St. Louis.
15	"	750	600	.....	.....	Rebuilt by P. J. Cooney, St. Louis.
16	"	800	.....	200	35	F. Wagner, St. Louis.
17	"	800	.....	200	35	J. M. Selzer, St. Louis.
18	"	750	600	.....	.....	F. Wagner, St. Louis.
19	Reel	800	.....	200	35	Rebuilt by J. M. Selzer, St. Louis.
20	"	1,000	.....	.....	.....	P. J. Cooney, St. Louis.
21	Wagon	1,000	.....	200	50	P. J. Cooney, St. Louis.
22	"	800	.....	200	50	P. J. Cooney, St. Louis.
Un. 2	"	750	600	.....	.....	F. Wagner, St. Louis.
24	"	800	.....	200	35	F. Wagner, St. Louis.
25	"	800	.....	250	50	J. M. Selzer, St. Louis.
26	Reel	800	.....	.....	.....	P. J. Cooney, St. Louis.
27	Wagon	1,000	.....	250	50	Rebuilt by J. M. Selzer, St. Louis.
28	"	1,000	.....	250	50	Rebuilt by J. M. Selzer, St. Louis.
29	Reel	1,000	.....	200	35	P. J. Cooney, St. Louis.
30	"	1,000	.....	200	35	P. J. Cooney, St. Louis.
31	"	1,000	.....	.....	.....	P. J. Cooney, St. Louis.
32	Wagon	800	.....	250	40	F. Wagner, St. Louis.
33	Reel	800	.....	250	35	P. J. Cooney, St. Louis
34	Wagon	1,000	.....	250	50	P. Wagner, St. Louis.
35	"	1,000	.....	.....	.....	P. J. Cooney, St. Louis.
36	"	1,000	.....	250	50	Rebuilt by J. M Selzer, St. Louis.
37	"	1,000	.....	250	50	P. J. Cooney, St. Louis.
38	Reel	1,000	.....	200	35	Rebuilt by F. Wagner, St. Louis.
39	Wagon	750	.....	200	35	P. J. Cooney, St. Louis.
40	"	750	600	250	35	Fire Extinguisher Co., Chicago, Ill.
41	"	750	.....	250	35	J. M. Selzer, St. Louis.
42	"	750	.....	250	35	F. Wagner, St. Louis.

RESERVE WAGONS AND REELS.

1	Wagon	750	600	.....	.....	J. Kimpel, St. Louis.
2	Reel	1,000	.....	200	35	Rebuilt by F. Wagner, St. Louis.
3	"	1,000	.....	200	35	P. J. Cooney, St. Louis
4	"	1,000	.....	200	35	P. J. Cooney, St. Louis.
5	"	1,000	.....	.....	.....	P. J. Cooney, St. Louis.
6	"	1,000	.....	.....	.....	P. J. Cooney, St. Louis.
7	"	1,000	.....	.....	.....	P. J. Cooney, St. Louis.
8	"	1,000	.....	.....	.....	P. J. Cooney, St. Louis.
9	"	1,000	.....	.....	.....	P. J. Cooney, St. Louis.
10	"	1,000	.....	.....	.....	P. J. Cooney, St. Louis.
11	"	1,000	.....	.....	.....	P. J. Cooney, St. Louis.
12	"	1,000	.....	.....	.....	P. J. Cooney, St. Louis.
13	"	1,000	.....	.....	.....	P. J. Cooney, St. Louis.

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EXHIBIT I.

DESCRIPTION OF HOOK AND LADDER TRUCKS.

Number.	Size.	Style.	Built by
1	.....	City Service	P. J. Cooney, St. Louis.
2	.....	City Service	P. J. Cooney, St. Louis.
3	1	85 ft. Hayes Aerial.....	La France Fire Engine Co.
4	1	85 ft. Babcock Aerial.....	Fire Extinguisher Mfg. Co.
5	2	75 ft. Hayes Aerial.....	Rebuilt by J. M. Selzer, St. Louis.
6	1	85 ft. Hayes Aerial.....	La France Fire Engine Co.
7	2	75 ft. Babcock Aerial.....	Fire Extinguisher Mfg. Co.
8	1	85 ft. Seagrave Aerial.....	Rebuilt by Seagrave Co.
9	.....	City Service	P. J. Cooney, St. Louis.
10	.....	City Service	P. J. Cooney, St. Louis.
11	.....	City Service	P. J. Cooney, St. Louis.
12	.....	City Service	Fire Extinguisher Mfg. Co.
13	1	85 ft. Kaiser Aerial.....	Fire Extinguisher Mfg. Co.
14	2	65 ft. Hayes Aerial.....	Fire Extinguisher Mfg. Co.
		RESERVE.	
1	2	75 ft. Hayes Aerial.....	. France Fire Engine Co.
2	.....	City Service	e Extinguisher Mfg. Co.
3	.....	City Service	Wagner & Co., St. Louis.
		WATER TOWERS.	
1	.....	65 ft. Hale's Patent.....	Fire Extinguisher Mfg. Co.
2	.....	70 ft. Babcock's Patent.....	Fire Extinguisher Mfg. Co.

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CLASSIFICATION OF BUILDINGS.

1 story frame	174	3 story stone and brick	1
1 story brick	82	3 and 5 story brick	1
1 story brick and frame	7	3½ story brick	3
1 story frame and glass	2	4 story brick	96
1 story rock	1	4 story brick and stone	4
1 story frame metalclad	4	4 story brick and iron	1
1 and 2 story brick and frame	5	4 story stone	1
1 and 2 story brick	35	4 story frame metalclad	1
1 and 2 story frame	5	4 story brick metalclad	1
1 and 3 story brick	5	4½ story brick	1
1½ story brick	10	5 story brick	68
1½ story frame	86	6 story brick	78
1½ story brick and frame	2	6 story stone	1
2 story brick	684	6 story stone and brick	1
2 story frame	124	7 story brick	70
2 story frame metalclad	8	7 story stone and steel	2
2 story frame and brick	21	8 story brick	9
2 story brick and stone	2	8 story brick and stone	4
2 story stone	1	9 story brick	1
2 and 3 story brick	8	10 sory brick and steel	2
2½ story brick	28	11 story brick	2
2½ story frame	3	12 story brick	1
3 story brick	280	13 story brick	1
3 story stone front	14	17 story brick and steel	2
3 story frame	2	Sheds	255

MISCELLANEOUS CLASSIFICATIONS.

Ash pits	52	Lunch stands	2
Awnings	13	Lumber piles	11
Air shafts	1	Lamp posts	1
Automobiles	2	Loads of hay	2
Asphalt tanks	1	Mattresses	4
Bridges	4	Old lumber piles	1
Boxes and oakum	1	Oil on R. R. tracks	1
Bags of cement	1	Old trees	1
Barges	1	Porches	1
Bill boards	4	R. R. depots	1
Cans of coal oil	1	R. R. ties	8
Coal oil on ground	1	Rubbish	57
Cotton bales	1	R. R. cars	78
Conduits	1	Street cars	7
Cinder piles	1	Shaving bins	4
Dumps	6	Steamboats	2
Freight platforms	1	Shingle piles	1
Fences	12	Sand heaters	1
Electric switch boxes	1	Scenic railroad	1
Gasoline on ground	1	Telegraph poles	11
Gasoline tanks	1	Wagons	4
Gas mains	2	Water closets	3
Hay stacks	1	Weeds	35
Kettle of tar	3	Wood piles	1

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USE OF BUILDINGS IN WHICH FIRES OCCURRED.

Air shaft	1	Hotel	17
Automobiles	2	Harness factory	2
Automobile repair shop	2	Hospital	1
Automobile stable	1	Hay and grain storage	5
Ash pit	52	Haberdasher	3
Breweries	2	Hardware (wholesale)	3
Bootblack stand	2	Ice plants	1
Bath house	2	Jewelry store and factory	3
Boiler house	4	Kitchens	5
Brick works	2	Lunch room and stands	12
Boarding house	12	Lime factory	1
Box factory	2	Lumber yards	12
Bakery	17	Laundry	1
Butcher shops	5	Livery stables	2
Book store	2	Ladies' cloak room	2
Bridges	4	Millinery store (wholesale)	2
Billiard rooms	2	Machine shop	5
Blacksmith shop	7	Mattress Mfg.	2
Boiler Mfg.	1	Millinery (retail)	3
Bowling alley	1	Notion stores	8
Bag factory	1	Office buildings	6
Barger shop	2	Orphan asylums	6
Bottling works	1	Oil sheds	6
Bed factory	4	Optical store	2
Boarding house (female)	9	Offices	16
Carpenter shop	12	Passenger coach	6
Club house	4	Police station	1
Charitable institution	4	Printing offices	6
Commission house	5	Plumbing shops	3
Cooper shop	2	Paper mills	3
Carriage factory	4	Power house	3
Cotton compress	2	Paint and oil stores	6
Commercial works	4	Piano stores	3
Churches	7	Pork house	6
Coal storage	5	Round houses	3
Coal oil storeroom	2	Rooming houses	48
Cigar store and factory	4	Rolling mills	2
Candy factory	2	Restaurants	29
Car sheds	1	Rag warehouses	3
Clothing Mfg.	1	R. R. offices	8
Confectionery	4	Second hand stores	5
Cereal mills	1	Storage house	7
Cigarette factory	1	Stables	67
Court House	2	Storerooms	14
Clothing retail	1	Street cars	6
Dwellings	580	Store fixture mfg.	2
Dye and cleaning house	5	Summer gardens	3
Dry goods (retail)	8	Saloons	39
Dairy	2	Shoe and clothing store	7
Drug store	12	Shoe stores (retail)	5
Drugs (wholesale)	1	Shoe factories	2
Elevated R. R.	1	Shoe shops	4
Exhibition stand	2	Silver plating works	3
Foundry	2	Sheds	265
Furniture factory and store	6	Tenements	187
Feed store	2	Tailor shops	4
Freight cars	67	Tinware stores	2
Floral store	1	Tool houses	9
Grocery stores	27	Warehouses	5
Grocery sundries	8	Water closets	5
Gasoline storage	2	Wall paper store	4
Glue factory	1	Wagon shops	6
Green houses	2	Wagon Mfg.	2
Gas fixture store	4	Waiting room	1

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CAUSE OF ALARMS.

Automatic alarms (defective)	10	Gasoline fire pots	1
Automatic sprinklers (defective)	216	Gas meter	8
Accidentals sprinklers	3	Gas jet	10
Alcohal lamps	2	Gas stove	8
Alcohol lamps	2	Gas main (leaking)	2
Burning chimney	86	Gas pipe (leaking)	1
Burning rubbish	57	Hot ashes	88
Burning waste paper	3	Hot coals	2
Burning street cars	1	Hot irons	1
Burning out ventilator	1	Incendiary (supposed)	40
Bursting old hose	1	Ignition of gas	2
Bursted water pipes	4	Ignition of chemicals	6
Boiling kettle of grease	15	Ignition of matches	2
Boiling over kettle of oil	1	Lighted candle	3
Boiling over kettle asphalt	4	Lace curtain and gas jet	17
Balloon falling on roof	7	Lighted match	4
Boys smoking cigarettes	8	Lantern	2
Crossed wires	20	Lightning	15
Carelessness	20	Lace curtain and matches	4
Coal oil lamp	67	Lighting fires with coal oil	7
Coal oil stove	1	Lighting fires with gasoline	2
Clothing near stove	3	Mice and matches	3
Children and matches	30	Matches and asphalt	1
Christmas trees	3	Meat dripping	3
Defective radiator	2	Overheated smoke stack	3
Defective flue	67	Overheated stove	36
Defective stove pipe	2	Overheated oven	3
Defective grate	14	Overheated water tank	3
Dropping lighted match	56	Overheated furnace	9
Dropping lighted cigar	24	Overheated forge	1
Dropping lighted candle	12	Overheated steam box	1
Dump fire	6	Overheated steam box	1
Defective stove	4	Overheated brick kiln	2
Electricity	2	Overheated steam pipes	2
Electric wires	37	Oakum and gas jet	1
Electric controllers	4	Paper too near stove	6
Electric motors	1	Rekindling	9
Explosion plumber's torch	2	Rags too near stove	4
Explosion of gas	4	Sparks from grate	8
Explosion of chemicals	2	Sparks from locomotive	7
Explosion of oil	4	Sparks from chimney	97
Explosion of boilers	2	Sparks from machinery	4
Explosion of coal oil tanks	2	Sparks from cupola	8
Explosion of hot water tanks	2	Sparks from furnace	10
Escaping gas	2	Sparks from stove	15
Escaping steam	2	Smoke from furnace	13
Falling smokestack	1	Smoke from chimney	14
Falling building	1	Smoke from smoke stack	7
Falling stove	5	Set by tramps	8
Friction of machinery	4	Set by children	29
Friction of matches	3	Set by burglars	4
Fumigationg	4	Spontaneous combustion	15
Fireworks	11	Spontaneous combustion (supposed)	5
Furnace pipes	4	Stepping on match	11
False alarm	161	Tampering with fire alarm box	1
Gasoline	27	Thawing water pipes	8
Gasoline stoves	139	Tar boiling over	6
Gasoline lamp	7	Unknown	697
Gasoline heater	5	Unnecessary	36
Gasoline (cleaning)	13	Weeds	25

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DETAILED STATEMENT OF EXPENDITURES

CREDIT ACCOUNT.

1903-1904.		Paid into the City Treasurer on account Fire Department:	
Jul.	13.	St. Louis Transit Co., damage to water pipe at E. H. 33....	$ 44 10
Aug.	3.	J. Hawe, overpaid on pay roll.....	8 71
Dec.	1.	M. Kleinhoffer, overpaid on pay roll.....	10 50
Mar.	7.	W. Kamper, overpaid on pay roll.....	12 47
Mar.	31.	Supply Commissioner, old brass and copper	312 80
		Supply Commissioner, two fire engines.....	240 00
		Supply Commissioner, condemned horses	947 20
		Supply Commissioner, condemned hose	458 89
		Supply Commissioner, condemned bells	604 08
		Supply Commissioner, condemned striking machine	15 13
		Supply Commissioner, condemned iron pipe	49 40
		Supply Commissioner, condemned scrap iron	38 00
		Supply Commissioner, condemned water tank	1 00
		Supply Commissioner, condemned empty barrels.....	62 95
		Supply Commissioner, condemned scrap lead	21 92
			$2.827 15

DAMAGE ACCOUNT.

Sep.		Repairing damage buggy for Phil Volk.....	$ 15 50
		Furniture and Repairing—	
Apr.		Casper Stehle & Son, renovating mattresses.....	89 60
May.		Peter H. Mellon, 36 iron beds and springs.....	291 60
		J. Kennard & Son, 2 shades for E. H. No. 17.....	2 15
Jun.		Casper Stehle & Son, renovating mattresses	359 60
Jul.		Casper Stehle & Son, 12 woven wire mattresses.....	34 80
		Mermod & Jaccard, one clock	8 00
		J Kennard & Son, 24 yards linoleum.....	18 00
		J. Kennard & Son, one Wilton border rug.....	2 00
		Casper Stehle & Son, renovating mattresses	245 50
Aug.		Casper Stehle & Son, renovating mattresses	22 05
Oct.		Casper Stehle & Son, renovating mattresses	83 20
Nov.		Casper Stehle & Son, five doz. bed comforts.....	75 00
		Casper Stehle & Son, renovating mattresses	71 80
Dec.		Lammert Furniture Co., one golden oak desk	8 50
		Casper Stehle & Son, renovating mattresses	31 80
Feb.		Casper Stehle & Son, renovating mattresses	38 20
Mar.		Lammert Furniture Co , desk, chair and wardrobe.....	172 25
		Trorlicht, Duncker & Co., carpet, lino. and shades.....	47 61
		Simmons Hdw. Co., two clocks.....	17 80
		Casper Stehle & Son, renovating mattresses.....	64 40
			$1.691 86

MATERIAL FOR ENGINES.

Apr.		American Fire Engine Co., one front axle.....	$ 14 60
		American Fire Engine Co., three front springs, Eng. No. 420..	55 94
		American Fire Engine Co., four wheel hubs, Eng. No. 2797.....	97 08
		Ruppenthal & Son, general repairs	28 60
		Kupferle Bros., general repairs	4 00
May.		Day Rubber Co., flax packing	10 43
		American Fire Engine Co., repairing Engine No. 236.....	15 35
Jun.		American Fire Engine Co , repairing Engine No. 278.....	272 60
		Ruppenthal & Son, general repairs	9 45
		J. M. Selzer, general repairs.....	18 50
Jul.		American Fire Engine Co , six wheels	94 13
Aug.		American Fire Engine Co., 48-3" flat gum valves	38 40
		American Fire Engine Co., 6 nickel-plated oil cans.....	25 50
		American Fire Engine Co., express charges	1 00
Sep.		American Fire Engine Co., 1 rear axle for Eng. No. 330.....	46 50
		American Fire Engine Co., express charges	2 25
Oct.		American Fire Engine Co., two sets of leather caps.....	11 30
		American Fire Engine Co., 12-¾" check valves and hubs	103 61
Dec.		American Fire Engine Co., gum valves and grate bars.....	114 58
Feb.		American Fire Engine Co., slide valves and plates.....	69 50
			$1.033 32

ICE ACCOUNT.

Oct.		Merchants' Ice and Coal Co., 379.380 lbs. of ice.....	$800 49

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HORSE FEED, BEDDING.

1903.				
Apr.	Brinkmeyer-Meyer, 16.100 lbs. bran @ 87c per C.	$ 140 07		
	Brinkmeyer-Meyer, 17.200 lbs. straw @ $7.60 per T.	65 58		
	Brinkmeyer-Meyer, 82.200 lbs hay @ $16.40 per T.	682 [illegible]		
	H. G. Beck, 69.500 lbs. oats @ 49⅞c per bus.	887 75	$	1.775 64
May	Brinkmeyer-Meyer, 114.810 lbs. hay @ $16 40 per T.	941 44		
	Brinkmeyer-Meyer, 16.650 lbs. straw at $7.60 per T.	63 27		
	Brinkmeyer-Meyer, 16.210 lbs. bran @ 87c per C.	141 03		
	H. G. Beck, 73.180 lbs. oats @ 40⅞c per bus.	934 76		2.080 50
Jun.	Brinkmeyer-Meyer, 15.780 lbs. straw @ $7.60 per T.	59 96		
	Brinkmeyer-Meyer, 15.200 lbs. bran @ 87c per C.	132 24		
	Brinkmeyer-Meyer, 101.030 lbs. hay @ $16.40 per T.	828 45		
	H. G. Beck, 4,450 lbs. oats @ 40⅞c per bus.	56 84		
	H. G. Beck, 66.020 lbs. oats at 40⅞c per bus.	843 30		1.920 79
Jul.	H. G. Beck, 76.065 lbs. oats @ 51½c per bus.	1.224 17		
	Brinkmeyer-Meyer, 47.120 lbs. hay @ $16.40 per T.	386 38		
	Brinkmeyer-Meyer, 1.580 lbs. bran @ 87c per C.	13 75		
	Brinkmeyer-Meyer, 18.410 lbs. straw @ $8 00 per T.	73 64		
	Brinkmeyer-Meyer, 15.640 lbs. bran @ $1.00 per C.	156 40		
	Brinkmeyer-Meyer, 107.500 lbs. hay @ $17.40 per T.	935 25		2.789 59
Aug.	H. G. Beck, 71.105 lbs. oats @ 51½c.	1.154 00		
	Brinkmeyer-Meyer, 12.750 lbs. straw @ $8.00 per T.	51 00		
	Brinkmeyer-Meyer, 15.500 lbs. bran @ $1 00 per C.	155 00		
	Brinkmeyer-Meyer, 82.260 lbs. hay @ $17.40 per T.	724 36		2.084 36
Sep.	H. G. Beck, 80.450 lbs. oats @ 51½c.	1.294 73		
	Brinkmeyer-Meyer, 10.870 lbs. bran @ $1.00 C.	108 70		
	Brinkmeyer-Meyer, 14.970 lbs. straw @ $8.00 per T.	59 88		
	Brinkmeyer-Meyer, 131.550 lbs. hay @ $17.40 per T.	1.144 49		2.607 80
Oct.	Brinkmeyer-Meyer, 43.770 lbs. hay @ $17.40 per T.	380 79		
	Brinkmyer-Meyer, 16.135 lbs bran @ 95c per C.	153 28		
	Brinkmeyer-Meyer, 13.250 lbs. straw @ $7.90 per T.	52 34		
	Brinkmeyer-Meyer, 120.210 lbs. hay @ $14.80 per T.	889 55		
	H. G. Beck, 74.890 lbs. oats @ 49½c per bus.	1.158 45		2.634 41
Nov.	Brinkmeyer-Meyer, 15.410 lbs. bran @ 95c per C.	146 40		
	Brinkmeyer-Meyer, 16.510 lbs. straw @ $7.90 per T.	65 21		
	Brinkmeyer-Meyer, 139.350 lbs. hay @ $14.80 per T.	1.031 19		
	H. G. Beck, 81.310 lbs oats at 49½c per bus.	1.257 76		
	St. L. Horse Bedding Co., 2 lds. shavings @ $2.50.	5 00		2.505 56
Dec.	Brinkmeyer-Meyer, 16.315 lbs. bran @ 95c per C.	154 99		
	Brinkmeyer-Meyer, 18.690 lbs. straw @ $7.90 per T.	78 83		
	Brinkmeyer-Meyer, 78.900 lbs. hay @ $14.80 per T.	583 86		
	Brinkmeyer-Meyer, 122.630 lbs hay @ $14.80 per T.	907 46		
	H. G. Beck, 70.200 lbs. oats @ 49½c per bus.	1.085 90		2.806 04
1904.				
Jan.	Great Western Feed Co., 18.200 lbs. bran @ 92½c per bus.	168 35		
	Great Western Feed Co., 84.885 lbs. oats @ 39⅞c per bus.	1.057 75		
	Great Western Feed Co., 22.610 lbs straw at $8.50 per T.	96 09		
	Great Western Feed Co., 126.565 lbs. hay @ $12.85 per T.	813 18		2.135 37
Feb.	Great Western Feed Co., 157.977 lbs. hay @ $12.85 per T.	1.015 00		
	Great Western Feed Co., 20.795 lbs. straw at $8.50 per T.	88 38		
	Great Western Feed Co., 70.020 lbs. oats @ 39⅞c per bus.	872 51		
	Great Western Feed Co., 15.000 lbs. bran @ 92½c per C..	138 75		2.114 64
Mar.	St. L. H. Bedding Co., 2 lds. shavings @ $3.00.	6 00		
	Great Western Feed Co., 71.645 lbs. oats @ 39⅞c per bus.	892 77		
	Great Western Feed Co., 19.405 lbs. bran @ 92½c per C..	179 50		
	Great Western Feed Co., 24.500 lbs. straw at $8.50 per T.	104 13		
	Great Western Feed Co., 158.355 lbs. hay @ $12.85 per T.	1.017 43		2.193 83
				$27.654 53

FUEL ACCOUNT.

1903.				
Apr.	Devoy-Feuerborn, 198.990 T. No 1 coke.	$ 903 14		
	Edw. T. Meyer. 7 lds hickory wood @ $4.92.	34 44		
	Boehmer Coal Co., 3.900 bitts. coal @ $1.72.	5 93		
	Laclede Gas Co., fuel gas.	13 00	$	956 52
May.	Henry Gaus & Sons, 2 lds. kindling.	6 00		
	Edw. T. Meyer. 15 lds. hick. wood.	73 80		
	Boehmer Coal Co., 7.1400 T. Pittsburg @ $4.95.	38 11		
	Devoy-Feuerborn, 161.1130 T. No. 1 coke.	735 12		
	Laclede Gas Co., fuel gas	13 74		866 77
Jun.	Devoy-Feuerborn, 81.670 T No. 1 coke.	370 07		
	Henry Gaus & Son, 6 lds. kindling.	18 00		
	Edw. T. Meyer, 7 lds. hick. wood.	34 44		
	Uetrecht & Hesse, 50 bales fine.	56 00		
	Laclede Gas Co., Fuel gas.	12 68		491 13
Jul.	Devoy-Feuerborn, 67.410 T. No. 1 coke.	305 79		
	Boehmer Coal Co., 15 200 T. bitts.	74 75		
	Boehmer Coal Co., 3 450 T. bitum. coal.	5 55		
	Edw. T. Meyer, 12 lds. hickory wood.	61 04		
	Henry Gaus & Sons, 3 lds. kindling	9 00		
	Laclede Gas Co., fuel gas.	12 04		468 17
Aug.	Devoy-Feuerborn, 3.1770 T. No. 1 coke @ $4.55.	17 68		
	Devoy-Feuerborn, 53.500 T. No. 1 coke @ $6.00.	313 50		
	Elw. T. Meyer, 11 lds. hickory	65 12		

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	Laclede Gas Co., fuel gas	13 18	409 48
Sep.	Uetrecht, Hesse, 100 bales fine excl	102 86	
	Laclede Gas Co., 9960 lbs. Pittsburg @ $5.50	27 39	
	Devoy-Feuerborn, 51.1015 T. No 1 coke @ $6.00	309 05	
	Devoy-Feuerborn, 25.390 T Pittsburg @ $7.50	187 72	
	Edw. T. Meyer, 10 lds. hickory	59 20	
	Henry T. Gaus & Son, 3 lds. kindling	9 00	
	Laclede Gas Co., fuel gas	15 04	703 26
Oct.	Waters-Pierce Co., 467½ gals. coal oil @ 11¾c	54 93	
	Boehmer Coal Co., 6.600 T. coal @ $2.55	16 67	
	Boehmer Coal Co., 2.1800 T. coal @ $2.55	9 95	
	Devoy-Feuerborn, 110 T. No. 1 coke @ $6.00	6 60	
	Devoy-Feuerborn, 22.60 T. Pitts. coal @ $7.50	165 23	
	Henry Gaus & Son, 4 lds. kindling @ $3.00	12 00	
	Edw. T. Meyer, 9 lds. hickory	53 28	
	Laclede Gas Co., fuel gas	11 60	983 06
Nov.	Edw. T. Meyer, 11 lds. hickory	65 12	
	Henry Gaus & Sons, 3 lds. kindling	9 00	
	Boehmer Coal Co., 3.1400 T. @ $2.25 bitum. coal	9 44	
	Boehmer Coal Co., 25.350 T. Pitts. coal @ $7.50	188 82	
	Devoy-Feuerborn, 222.1600 T. coke @ $6.00	336 80	
	Devoy-Feuerborn, 72.1970 T. Youghiogheny	547 39	
	Laclede Gas Co., fuel gas	16 82	2.173 39
Dec.	Edw. T. Meyer, 17 lds. hickory	100 64	
	Henry Gaus & Sons, 5 lds. kindling	15 00	
	Boehmer Coal Co., 7.500 T. bitum. coal	18 49	
	Devoy-Feuerborn, 185.1100 No. 1 coke @ $6.00	1.113 30	
	Devoy-Feuerborn, 3.320 T. Youghiogheny @ $7.50	23 70	
	Devoy-Feuerborn, 1.000 lbs. Piedmont @ $7.00	3 50	
	Devoy-Feuerborn, 129.700 T. No. 1 coke @ $6.00	776 10	
	Devoy-Feuerborn, 6.1120 T. Youghiogheny	49 20	2.115 03
Jan.	Laclede Gas Lt. Co., fuel gas	12 22	
	Boehmer Coal Co., 17.200 T B. B. coal	46 66	
	Henry Gaus & Sons, 2 loads kindling	6 00	
	Edw. T. Meyer, 10 loads hickory	59 20	
	Devoy-Feuerborn, 206.270 T. coke	1.833 81	
	Casper Stehle & Son, 50 bales fine excel	44 98	2.002 87
Feb.	Devoy & Feuerborn, 310.340 T. No. 1 coke @ $6	1.860 72	
	Devoy & Feuerborn, 1 T. Piedmont coal	5 75	
	Boehmer Coal Co., 8.800 T. B. B. Lp. @ $2.25	21 43	
	Edw. T. Meyer, 11 loads hickory @ $5.92	65 12	
	Laclede Gas Lt. Co, fuel gas	14 60	1.967 62
Mar.	Devoy & Feuerborn, 282.1255 T. No. 1 coke @ $6	1.695 77	
	Devoy & Feuerborn, 2.1300 T. Youghiogheny @ $7.50	19 88	
	Boehmer Coal Co., 16.400 T. bituminous @ $2.55	40 04	
	Edw. T. Meyer, 7 loads hickory @ $5.92	41 44	
	Henry Gaus & Sons, 7 loads kindling @ $3.00	21 00	
	Casper Stehle & Son, 50 bls. fine excel., 4.751 lbs. @ $1.10	52 26	
	Casper Stehle & Son, 50 bls. fine excel., 4.820 lbs. @ $1.00	48 20	
	Waters-Pierce Oil Co., 576 gals. coal oil @ 12¾c	73 43	
	Laclede Gas Co., fuel gas	14 48	2.006 50
			$15.143 86

HARNESS AND REPAIRING.

03-04.			
Apr.	Geo. Grassmuck, bits, collars, belly bands	$ 125 00	
	M. Debatin, repairing harness	16 50	
	Aug. Holthaus, whips and repairs	32 45	
	O. H Grossenheider, knee boots and repairs	8 80	
	Leopold Meyer, ankle boot and repairs	12 65	
	J. M. Selzer, rings and snaps	64 25	
May	Geo. Grassmuck, repairing harness	59 80	
	Leopold Meyer, whips, pompier belts	19 30	
	Aug. Holthaus, traces and repairs	62 70	
	M. Debatin, repairing harness	17 10	
	J. Ruppenthal & Son	4 25	
	J. M. Selzer, bracket and repairing harness	36 95	
Jun.	Geo. Grassmuck, ½ doz. collars and pads	34 50	
	E. F. Krallmann, bridles and repairs	5 75	
	M. Debatin, bridles, lines, breast collars	37 50	
	O. H. Grossenheider, cushion, bits and snaps	9 50	
	Loepold Meyer, repairing harness	19 55	
	Aug. Holthaus, saddle, traces, etc	23 85	
	J. M. Selzer, 1 new hame	6 50	
Jul.	J. Ruppenthal & Son, hanger screws and snaps	6 65	
	O. H. Grossenheider, repairs	12 45	
	M. Debatin, new harness and repairs	36 75	
	Leopold Meyer, repairing harness	23 90	
	Aug. Holthaus, repairing harness and covering play pipes	18 85	
	E. F. Krallmann, repairing harness	35 90	
	Kupferle Bros., 3 sets harness frames and balls	41 10	
	Fred Wagner & Son, 1 harness hanger	3 00	
	J. M. Selzer, 2 gro. snap springs	21 30	

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Aug.	O. H. Grossenheider, repairing harness	3 90	
	E. F. Krallmann, repairing harness	15 20	
	Leopold Meyer, repairing harness	15 90	
	M. Debatin, repairing harness	15 85	
	J. M. Selzer, 1 pr. harness hangers	6 90	
	E. F. Krallmann, repairing harness	4 30	
Sep.	O. H. Grossenheider, repairing harness	12 60	
	M. Debatin, ankle boots and repairing harness	36 25	
	Leopold Meyer, repairing harness	6 65	
	Aug. Holthaus, repairing harness	45 75	
	E. F. Krallmann, repairing harness and new straps	88 70	
	J. M. Selzer, rep. harness, rings, shanks	124 42	
	Kupferle Bros., harness, frames and weights	96 00	
Oct.	O. H. Grossenheider, repairing harness	7 95	
	M. Debatin, repairing harness	14 35	
	Aug. Holthaus, 12 turnbacks and traces	61 10	
	Leopold Meyer, repairing harness	13 70	
	Geo. Grassmuck, 2 collars, straps, 1 doz. breechings, ½ doz. traces	119 35	
	E. F. Krallmann, 2 doz. trace carriers, 2 doz. lazy straps, 2 doz breechings	107 50	
	Kupferle Bros., 2 doz. rope clamps, 6 sets harness weights and brackets	155 80	
	J. M. Selzer, 6 pairs hand-made hames	253 10	
Nov.	Aug. Holthaus, repairing harness	35 35	
	Leopold Meyer, repairing harness	10 50	
	M. Debatin, ⅛ doz. bits, new straps and repairs	31 75	
	O. H Grossenheider, repairing harness	9 90	
	E. F. Krallmann, 6 pr. traces, rep. harness, etc	94 30	
	Geo. Grassmuck, collars, bits, bridles, hip straps	211 30	
	J. Ruppenthal & Son, 2 doz. snap holders, 8 castings	33 90	
	J. M. Selzer, new hame funnels, line rings	18 85	
	Kupferle Bros., repairing harness frames	8 25	
Dec.	Union Supply Co., 1 doz. trace snaps	27 00	
	Union Supply Co., 1 doz line snaps	24 00	
	Union Supply Co., 1 gro. trace springs	15 00	
	Union Supply Co., 1 gro. line springs	15 00	
	Union Supply Co., 3 gro. line snaps	72 00	
	Geo. Grassmuck, 6 collars and repairing	38 45	
	O. H. Grossenheider, repairing harness	13 10	
	M. Debatin, new saddle and repairing	61 05	
	Aug. Holthaus, repairing harness	55 95	
	E. F. Krallmann, 1 doz. hand lines, 6 doz. traces	118 40	
	Leopold Meyer, rep. hames	12 35	
	J. M. Selzer, 40 large trace rings, etc	54 00	
Jan.	M. Debatin, repairing harness	18 25	
	Geo. Grassmuck, harness straps and repairs	52 05	
	Aug. Holthaus, 1 boot and repairing, 2 doz belly bands and 4 traces	48 20	
	Leopold Meyer, repairing harness	18 25	
	E. F. Krallmann, repairing harness	85 85	
	J. M. Selzer, 2 doz shanks, 1 doz. belly bands, ring, 40 large rings, 7 pair hames	349 60	
	Kupferle Bros., harness rods, 15 snap holders	17 25	
Feb.	Aug. Holthaus, hose straps, whips, etc	7 00	
	E. F. Krallmann, new hames, 5 pompier belts	72 70	
	Geo. Grassmuck, 3 collars, hose straps, etc	27 65	
	Anton Schmitt, repairing harness	5 50	
	Leopold Meyer, repairing harness	2 50	
	O. H Grossenheider, repairing harness	90	
	M. Debatin, whips, bridles and repairing	25 35	
	J. M. Selzer, 24 l. hame large, 24 hame hooks, etc., 4 pr. harness, harness sticks	242 50	
Mar.	Anton Schmitt, repairing harness	7 45	
	Aug. Holthaus, 12 ex. hvy. traces, 12 bridles, rings	93 85	
	M. Debatin, ankle boot, whips, etc	21 90	
	J. M. Selzer, repairing harness, forged rings	142 80	
	Geo. Grassmuck, rep. collars, new harness, etc	33 00	
	Leopold Meyer, repairing harness	10 80	$ 4,245 82

MISCELLANEOUS ACCOUNT

1903.			
Apr.	J. Ruppenthal & Son, 2 br. waker castings	$ 13 00	
	Kupferle Bros., 4½ ft. ¾ in. pipe	30	
	Kupferle Bros., 9½ lbs. ⅛ in. gun pkg	1 90	
	Kupferle Bros., 4 stencils	2 60	
	P. J. Cooney, repg. rev. 3 horse pole	26 35	
	Fred Wagner & Son, repg pipe pole	4 70	
	Fred Wagner & Son, 45 ft. 3-16 in. copper cable	6 75	
	Fred Wagner & Son, 1 20 in. monkey wrench	2 50	
	Fred Wagner & Son, repg. resv. wheels	37 80	
	Fred Wagner & Son, repg. hinges Eng. H. 38	3 10	
	J. M. Selzer, 2 butt. chains, 6 open links	3 00	
	J. M. Selzer, repg. 1 wrench	75	
	J. M. Selzer, 4 new bolts, 4x5-16 in	60	
	J. M. Selzer, 1 door hinge	75	
	Scruggs, Vandervoort & Barney, 457½ yards bunting @ 5½c	25 16	
	Scruggs, Vandervoort & Barney, 162½ yards bunting @ 8¾c	14 22	$ 143 48

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May	M. Daugherty, 501⅛ lbs. castile soap @ 9 4-10c	47 14	
	Woodward & Tiernan, 1 rm. wrapping paper	3 00	
	Waters-Pierce Oil Co., 10 bls. coal oil	61 52	
	Waters-Pierce Oil Co., 1 bbl. naphtha	8 22	
	Meyer-Bannermann, 6 doz. whips	99 60	
	Meyer-Bannermann, 5 doz. root brushes	10 00	
	Meyer-Bannermann, 300 lbs. White Rock hoof pkg	18 00	
	Natl. Plumbing Co, 4 lbs. Fuller balls	1 90	
	Red Cross Hyg. Co., 60 galls. Sunol	90 00	
	Western Candy & Bakers' Supply Co., 8 bbls. salt	8 32	
	South Side Supply Co., lamp wicks, $2.40, paper bags, $2.75	5 15	
	South Side Supply Co, 2 bbls. sal soda	5 20	
	South Side Supply Co., 10 doz. 16 in. Turk. dusters	45 00	
	Moffitt-West D. Co., 1,702 lbs. flaxseed meal @ 23¾c	46 81	
	J. Ruppenthal & Son., sundries	35	
	J. M. Selzer, sundries	22 50	
	Kupferle Bros., sundries	65	
	Moon Elev. Co., repg. elevator at repair shop	2 50	
	St Louis Lantern Co., repairing lanterns	7 70	
	Bell Telephone Co., one quarter's rent of phone	31 25	514 81
Jun.	The Fire Ext. Mfg. Co., 1 gross No. 2 Babcock bottles	10 00	
	The Fire Ext. Mfg. Co., freight prepaid	35	
	Mo. Gravel Roofing Co., 2,500 sq. ft. tar paper	43 75	
	J. Kennard & Sons, 2 window shades, E. H 25	2 40	
	Red Cross Hygenic Co., 52 galls. bug killer	91 00	
	Mo. Tent & Awning Co., 2 awnings, E. H. 15	7 80	
	Scruggs, Vandervoort & Barney, 50 doz. pillow cases @ $1.45	72 50	
	Meyer Bros. Drug Co., 1,927 lbs. sulph. acid @ 1 1-10c	21 20	
	Steinmeyer Hdw. Co, storeroom supplies	18 21	
	Norvell-Shapleigh, carpenters' tools	20 98	
	Wheeling Corg. Co., 1.74 sqs. iron @ $2.50	4 35	
	Cahill-Swift Mfg. Co., plumbing material	45 70	
	Mound City P. & C. Co., 1 bbl. Savonal	29 38	
	Mo. Tent & Awning Co., repg. awnings, etc	2 00	
	Mo. Tent & Awning Co, repg. 6 awnings	6 00	
	Meyer & Bro., lowering bell at No. 10	22 50	
	St. Louis Lantern Co., repg. lanterns	9 10	
	John E. Bonecum, galv. iron for stalls	9 25	
	Kinloch Tel. Co., telephone rent	15 00	
	Fred Wagner & Son, sund. repairs	23 50	
	J. M. Selzer, sund. repairs	12 00	
	Kupferle Bros., sund. repair shop	3 30	
	St L. Printing Co., 200 gummed slips	2 00	
	Kupferle Bros., sund. E. H. No. 10	4 70	472 27
Jul.	Peak Filter Co., repg. filter	2 25	
	J. S. Merrell D. Co., 50 kegs bicarb. soda	81 20	
	Moffitt-West D. Co., 328½ lbs. sheep wool sponges	854 10	
	Geller Ward & Hasner, 1 doz 2 in. varnish brushes	3 00	
	Geller Ward & Hasner, 5 doz. scrub brushes	5 50	
	Geller Ward & Hasner, 1 doz. 14 tine rakes	4 75	
	Geller Ward & Hasner, 3 doz. granite pitchers	48 00	
	L. M. Rumsey, 2 doz. ax handles	5 00	
	Waters-Pierce Co., 417½ gals. coal oil	46 97	
	Armstrong Cork Co., ½ gro. tapered corks	80	
	H. J. Lampert Can Co., 4 doz. 2 gal. jkt cans	8 16	
	Anti Pressure Controller Co., 3 hose controllers	1,050 00	
	M. Dougherty, 100 lbs. salt peter	15 00	
	Kupferle Bros., sund. repairs	4 20	
	Fred Wagner, sund. repairs	29 15	
	J. M. Selzer, sund. repairs	58 05	
	Mo. Tent & Awning Co., repg. and storing awnings	60 00	
	St. Louis Lantern Co.	55	2,222 68
Aug.	Waters-Pierce Co., 1 bbl. naptha	7 82	
	Waters-Pierce Co., 105½ gals. coal oil	11 87	
	Waters-Pierce Co., 52 gals coal oil	5 85	
	Waters-Pierce Co., 104 gals. coal oil	11 70	
	Waters-Pierce Co., 104 gals. coal oil	11 70	
	Waters-Pierce Co., 51½ gals. cyl. oil	27 81	
	Waters-Pierce Co., 53½ gals mach. oil	13 38	
	Cahill-Swift, 50 lbs. No. 1 white waste	4 25	
	Salmon & Biedemann, hinges, sash lifts, etc	8 20	
	Meyer-Bannermann, 3 doz. horse brushes	48 00	
	H. Schurmann, 1 gro. 1 lb. cans axle grease	12 00	
	Meyer Bros. Drug Co., 2,915 lbs. sulph. acid	33 52	
	South Side Supply, 1,500 lbs. Family soap	63 75	
	Red Cross Hyglenic Co., 1 bbl. Phenosote	54 50	
	Geo. Moeller, 20 doz. corn brooms	90 00	
	Meyer Bros Drug Co., 20 cases Spgfd. oval paper	124 00	
	The Fire Ext. Mfg. Co., 1 doz. No. 1 Babcocks	324 00	
	The Fire Ext. Mfg. Co., freight prepaid	3 48	
	Hanlon & Buck, 28½ lbs. No. 18 copper wire	6 84	
	L. M. Rumsey, iron pipe, fittings	14 95	
	John E. Bonecum, repg. grain spouts	18 50	
	Bell Tel. Co., 3 mo. rent of phone	31 25	

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	Meyer Bros. D. Co., repg. 8 carboys	6 00	
	St. L. Lantern Co., repg. lanterns	2 30	
	Whipple's Agency, correcting ins. maps	36 00	
	Board Trustees Mo. Bot. Garden, lot rent E. H. 23	40 50	
	J. Ruppenthal & Son, 14 pcs br. castings, repg. oil can	5 80	
	J. M. Selzer, hinges, hasps, etc	90	
	J. M. Selzer, white pine	1 92	
	J. M. Selzer, 500 ft. T. and G. lumber	35 00	
	J. M. Selzer, hinges, hasps, padlock, etc	5 50	
	J. M. Selzer, 2 pcs. yellow pine	1 60	
	J. M Selzer, pulleys, hasps and steeples	1 50	
	J. M. Selzer, lumber and screws	1 75	
	J. M. Selzer, screws, hinges, lock	1 30	
	J. M. Selzer, 8 bolts and 195 cotton rope	9 95	
	J. M. Selzer, bolts, screw eyes, chalk line	1 30	
	J. M. Selzer, 100 ft. ¼ in. molding	1 50	
	J. M. Selzer, 6 doz. 1¾ in No. 14 screws	35	
	Fred Wagner & Son, 100 ft. window tape	5 00	
	Fred Wagner & Son, steel horse guards, No. 23	14 80	
	Fred Wagner & Son, steel horse guard, No. 16	23 60	
	Fred Wagner & Son, new screw eyes	1 00	
	Kupferle Bros., ells, caps, cocks, E. H. 5	80	
	Kupferle Bros., nipples and plyers, No. 23	80	
	Kupferle Bros., pipe and fittings, No. 33	3 30	
	Kupferle Bros., pipe and fittings, hosp	6 00	
	Kupferle Bros., bolts, nipples and pipe	27 90	1,165 74
Sep.	Moffitt-West D Co., 386 lbs. Silicon No. 20 @ 3c	11 58	
	Vane-Calvert Paint Co., paint for apparatus	98 00	
	Waters-Pierce Oil Co., 105½ gals. coal oil	11 87	
	Waters-Pierce Oil Co., 5 gals. saponified oil	2 50	
	Waters-Pierce Oil Co., 53⅛ gals. naptha @ 14 2-3c	7 89	
	Nat'l Plumbing Co., blacksmiths' tools	30 18	
	Nat'l Plumbing Co., 1 doz. water gauges	5 40	
	Schrotter Bros., carpenters' tools	1 01	
	M. Daugherty, 3 bbls. sal soda	70 20	
	M Daugherty, 496½ lbs. castile soap	51 88	
	American Oleite Co., 2 doz. boxes paste	3 34	
	Geller Ward & Hasner, axes and hatchet handles	7 40	
	Western Candy & Bakers' S. Co., 8 bbls. salt @ $1.05	8 40	
	St. Louis Lantern Co., repairing lanterns	2 70	
	Whipple's Agency, correcting ins. maps	20 00	
	Meyer & Bro., to lowering bell at No. 8	30 00	
	Kinloch Tel. Co., rent of phone	15 00	
	John E. Bonecum, galv. iron and nails	2 25	
	J Ruppenthal & Son, general repairs	15 40	
	Kupferle Bros., general repairs	78 30	
	J. M. Selzer, general repairs	54 11	
	St. Louis Printing Co., 200 gummed slips	2 00	
	St. Louis Printing Co., 1,400 gummed slips	14 00	
	St. Louis Printing Co., 200 gummed clips	2 00	
	St. Louis Printing Co., 500 books of rules	65 00	
Oct.	Geller Ward & Hasner, scrub brushes, buckets, etc	51 06	
	Buxton & Skinner, paper tags	75	
	Lammert Fur. Co., 20 doz. chairs	280 00	
	Chas S. Ruckstuhle, toilet paper	15 00	
	Meyer Bros. Drug Co., flaxseed meal	105 63	
	Moffitt-West Drug Co., 48 gals. crude carbolic acid	13 92	
	St. L. Printing Co., 26 set gummed slips	52 00	
	Cahill-Swift Mfg. Co., 300 ft. 3-16 twist link chain	21 60	
	Chas. W. Goetz, 4 bbls. blk. lime	4 00	
	St. Louis Lantern Co, repg. lanterns	13 60	
	J. E. Rosenthal & Son, clocks—repairs	1 00	
	J. Ruppenthal & Son, misc. repairs	55 75	
	John O'Brien B. W. Co., repairing heater, E. H. No. 28	26 60	
	John O' Brien B. W. Co., 1 expansion tank, No. 18	37 00	
	John E Bonecum, misc. repairs	31 05	
	Chas. E. Swingley, expenses to Fire Chiefs' convention	121 00	
	Kupferle Bros., misc. repairs	63 72	
	J. M. Selzer, misc. repairs	49 85	
Nov.	Chas. E. Lewis, 9 Fr. bev. mirrors @ $4.60	41 40	
	The Janiter Co., 1 gross 1 lb. Janiter cleaner	28 80	
	Ringen Stove Co, stove and pipe for E. H. 27	32 65	
	Union Supply Co., 2 doz. trace snaps	54 00	
	Norvell-Shapleigh, 125 lbs. S. L. sash cord	35 00	
	Mound City O. & S. Co., 52 gal. cyl. oil @ 56c	29 12	
	Stix, Baer & Fuller, 36 pr. blankets @ $2.49	89 64	
	Scruggs, Vandervoort & Barney, 3 doz. spreads @ $13.15	39 45	
	Scruggs, Vandervoort & Barney, 5 doz. pillowslips @ $1 60	8 00	
	Geller Ward & Hasner, 3 doz. No. 2 shovels	19 50	
	Witte H. W. Co., 2,000 ft. sash cord	7 22	
	Witte H. W. Co., 3 doz. balls hemp twine	1 20	
	Henry P. Hoff Gro. Co., 1,500 lbs. ex Family soap	63 00	
	M. Daugherty, 4 doz. scrub brushes	3 66	
	M. Daugherty, 2 doz. floor brushes	52 00	
	M. Daugherty, 1-3 doz. short hnd. forks	2 00	

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	Pittsburg Plate Glass Co., 5 gal. asphaltum @ 50c.....	2 50
	St. Louis Printing Co., 1,000 application blanks.....	12 50
	Weis & Co., repairing lock.....	1 50
	Bell Tel. Co., rent of phone.....	31 25
	St. Louis Lantern Co., repg. lanterns.....	2 10
	Am. Fire Eng. Co., 2 gals. black paint.....	6 00
	Am. Fire Eng. Co., exp. on paint.....	70
	John E. Bonecum, repg. smoke stacks.....	38 00
	J. M. Selzer, misc. repairs.....	188 25
	P. J. Cooney, misc. repairs.....	39 90
	Kupferle Bros., misc. repairs.....	60 31
Dec.	Geo. Moeller, 20 doz. corn brooms.....	90 00
	Schultz Belting Co., 1 side valve leather.....	8 75
	Ewald Iron Co., Norway and galv. iron.....	53 40
	N. O. Nelson, blk. iron pipe.....	33 30
	Geller Ward & Hasner, hot house pulleys.....	33 10
	Moffitt-West Drug Co., 322 lbs. sponges @ $2.85.....	917 70
	Simmons Hdw. Co., 2 doz K. K. axes @ $15.00.....	30 00
	Simmons Hdw. Co., 3 X cut saws.....	4 50
	Simmons Hdw. Co., 2 doz. 12 in. gas pliers.....	11 50
	Waters-Pierce Oil Co., 1 bbl. cyl. oil.....	28 08
	Waters-Pierce Oil Co., 1 bbl. mch. oil.....	12 75
	Meyer-Bannerman, 2 doz. all wool blankets.....	148 00
	J. M. Selzer, misc. repairs.....	171 45
	Kupferle Bros. misc. repairs.....	108 85
	John O'Brien, iron plt. for wagon.....	1 65
	Segrave Mfg. Co., 85 ft. ladder attached to H. L. No. 8	1,000 00
	Segrave Mfg. Co., freight on truck No. 8.....	64 80
	Segrave Mfg. Co., mileage on ret. car.....	5 00
	W. H. Marquis, extra freight on H. L. No. 8.....	27 00
	Weis & Co., repg. desk lock.....	75
	Jos. Steitz, painting apparatus	40 00
	Hoffmann & Schafer, repg. wagons.....	2 50
	Firestone T. & R. Co., ex. repairs.....	1 00
	St. Louis Lantern Co., repg. lanterns.....	4 80
1904.		
Jan.	Geller Ward & Hasner, 6 doz. whips @ $10.58.....	63 48
	Vane-Calvert Paint Co., paints for apparatus.....	54 30
	J. S. Merrell Drug Co., 1,995 lbs. sulph. acid @ 95c.....	18 95
	J. S. Merrell Drug Co., 50 kegs bicarb. soda.....	92 40
	Ewald Iron Co., 25 sheets No. 24 36x96 gal. iron.....	26 45
	Simmons Hdw. Co., 1 doz. supplem't saw hand.....	1 80
	Waters-Pierce Oil Co., 470 gals. coal oil @ 13½c.....	62 28
	Sempire Clock Co., 1 set batteries.....	1 00
	Oscar A. Bullner, repg clocks.....	3 75
	Aug. Kern, repg. and sharping knives.....	35 10
	St. L. Lantern Co., repg. lanterns.....	1 25
	Jos. Stitz, ptg. apparatus.....	56 88
	J. M. Selzer, sund. repairing.....	96 05
	Fred Wagner & Son, sund repairing.....	1 40
	J. Ruppenthal & Son, sund. repairing.....	86 25
	Kupferle Bros., sund. repairing.....	75
Feb.	Geller Ward & Hasner, 1 doz. 14 in. Stillson meriche..	12 60
	Geller Ward & Hasner, S. brushes, manure forks.....	15 90
	Geller Ward & Hasner, 5 doz. dusters @ $3.25.....	16 25
	Geller Ward & Hasner, 3 doz. curry combs @ $1.60.....	4 80
	Geller Ward & Hasner, 5 doz. 14 qt. galv. buckets @ $6	30 00
	Geller Ward & Hasner, 15 lbs. candle wick @ 23c.....	3 45
	Geller Ward & Hasner, 6 doz. 1 lb. Frazier's axle grease	3 75
	Meyer Bros. Drug Co., 500 lbs. La Tosca soap.....	55 06
	Platt & Thornburg, paints and apparatus.....	50 91
	Pitts. Plate Glass Co., 55 gals. varnish @ $1.50.....	82 50
	Casper Stehle & Son, 5 doz. comforts.....	82 50
	Sligo I. Store Co., screws and bar iron.....	3 27
	Western Candy & Bakers' S. Co., 6 bbls. salt.....	6 30
	Sexton-Strubinger R. Co., stove and pipe for No. 27....	19 00
	Moffitt-West Drug Co., 6 bbls. gr. flaxseed meal.....	34 65
	Moffitt-West Drug Co., 5½ gals. deod. naphtha @ 16c....	8 24
	Handlan & Buck Mfg. Co., 2 doz. stable brooms, 16 in. @ $8.00.....	16 00
	Handlan & Buck Mfg. Co., 3 doz. Deitz lanterns.....	63 00
	John O'Brien, 2 eng. heaters, 2 exp. tanks.....	234 00
	Board Trustees Mo. Bot. Garden, 6 mo. rent of ground, block 65	42 50
	Bell Tel. Co., rent of phone for quarter.....	31 25
	John O'Brien Boiler Co., 1 exp. tank, 28x30 in.....	38 00
	St. L. Lantern Co., repg. lanterns.....	6 70
	J. E. Bonecum, putting up flues E. H. No. 40.....	86 50
	Jos. Stitz, painting apparatus.....	62 50
	Jas. M. Selzer, general repairs.....	43 70
	Kupferle Bros., general repairs.....	60 60
	F. Wagner & Son, general repairs.....	2 40
	Chas. E. Swingley, expenses attending inspection of Baltimore fire ruins.....	50 05

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Mar.	H. L. Eettman Sponge Co., 5 doz. chamois @ $3.00	15 00	
	Pitts. Plate Glass Co., gold leaf and paint	12 65	
	Scruggs, Vandervoort & Barney, 2 doz. blankets, $61.20, 6 doz. spreads, $79.20	140 40	
	Scruggs, Vandervoort & Barney, 5 doz. pil. cases, $9.45, 5 doz. sheets, $33.60	43 05	
	Scruggs, Vandervoort & Barney, 501¾ yards blk. calico @ 6½c	32 61	
	Scruggs, Vandervoort & Barney, 5 doz. pillow cases @ $1.89	9 45	
	Scruggs, Vandervoort & Barney, 5 doz. pillow cases @ $1.89	9 45	
	Geller Ward & Hasner, 3 doz. hose sticks, 39 in	54 00	
	Geller Ward & Hasner, 3 doz. 5 gal. oil cans	33 70	
	Geller Ward & Hasner, 2 doz. 19 in. galv coal hods	17 15	
	Geller Ward & Hasner, 20 gals. neatsfoot oil	13 70	
	Geller Ward & Hasner, 2 18 in. ballbearg. L. mowers	13 00	
	Meyer Bros. Drug Co., 501 lbs. La Tosca C. Soap	62 62	
	Meyer Bros. Drug Co., 53 gals naphtha @ 18c	9 54	
	Meyer Bros. Drug Co., 1,330 lbs. flaxseed meal @ 2½c	33 25	
	M. Daugherty, 3 bbls. coal oil, 156 gals. @ 14.2c	22 62	
	Brinkmeyer Hdw. Co., 1 doz. 1 man X cut saw	10 80	
	Brinkmeyer Hdw. Co., forks, casters, bags, etc	64 65	
	Newcomb Bros. Wall P. Co., 52 ft. mldg. @ 5c	2 60	
	Handlan & Buck, 1 doz. jack screws, 6x1½ in	8 25	
	Mound City O. & S. Co., 1 bbl. marine cyl. oil @ 56c	29 12	
	Becker-Moore Paint Co., paints, varnish, etc	17 95	
	Geo. W. Reid, 1 bbl. mch. oil, 52 gals @ 22c	11 44	
	Paddock-Hawley I. Co., bar iron	36 19	
	W. N. Candy & Bakers' S. Co, 6 bbls. salt @ $1.05	6 30	
	Henry P. Hoff, 9 boxes ext. Family, 540 lbs. @ 4½c	22 68	
	Platt & Thornburg P. Co., 12 pks. gold leaf @ $7.25	87 00	
	Platt & Thornburg P. Co., 75 lbs. Am. Verm. Lt. @ 21½c	16 00	
	St. L. Lantern Co., repg. lanterns	9 30	
	Oscar Boellner, cleaning clocks	1 25	
	Jos. Stitz, painting apparatus	65 00	
	Kinloch Tel. Co., one-quarter rent of phone	15 00	
	Whipple Agency, correcting ins. maps	30 00	
	J. M. Selzer, general repairs	89 10	
	P. J. Cooney, general repairs	8 00	
	Kupferle Bros., general repairs	6 75	
			$12,612 61

REPAIRING HOSE CARRIAGES AND WAGONS.

1903.			
Apr.	P. J. Cooney, general repairs	$ 121 15	
	Fred Wagner & Son, general repairs	20 05	
	Kupferle Bros., general repairs	2 30	
	Ruppenthal & Son, general repairs	11 00	
	J. M. Selzer, general repairs	210 00	
	Hoffmann & Schafer, general repairs	2 00	$ 429 45
May	Fred Wagner & Son, general repairs	103 55	
	P. J. Cooney, general repairs	135 00	
	J. M. Selzer, general repairs	58 60	
	Firestone T. & R. Co., general repairs	1 20	
	Kupferle Bros., general repairs	38 00	336 40
Jun.	P. J. Cooney, general repairs	16 20	
	Fred Wagner & Son, general repairs	480 45	
	J. M. Selzer, general repairs	309 60	806 25
Jul.	Fred Wagner & Son, general repairs	319 15	
	Kupferle Bros., general repairs	2 30	
	J. M. Selzer, general repairs	532 95	
	P. J. Cooney, general repairs	322 85	
	Henry Wagner, general repairs	36 75	
	Firestone T. & R. Co., general repairs	225 00	1,439 00
Aug.	Firestone T. & R. Co., general repairs	8 50	
	J. M. Selzer, general repairs	284 10	
	P. J. Cooney, general repairs	157 45	
	Fred Wagner & Son, general repairs	482 40	
	J. Ruppenthal & Son, general repairs	4 00	936 45
Sep.	Firestone T. & R. Co., general repairs	1 50	
	Firestone T. & R. Co., general repairs	27 00	
	Fred Wagner & Son, general repairs	574 05	
	P. J. Cooney, general repairs	78 80	
	J. M. Selzer, general repairs	220 05	
	Kupferle Bros. general repairs	1 85	903 25
Oct.	Fred Wagner & Son, general repairs	21 30	
	J. M. Selzer, general repairs	280 55	
	P. J. Cooney, general repairs	218 60	500 45
Nov.	J. M. Selzer, general repairs	49 50	
	P. J. Cooney, general repairs	39 65	
	Kupferle Bros., general repairs	1 00	
	Fred Wagner & Son, general repairs	85 10	
	F. R. Seifert, general repairs	2 50	

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	Firestone T. & R. Co., genral repairs	5 85	183 60
Dec.	P. J. Cooney, general repairs	306 75	
	J. M. Selzer, general repairs	433 20	
	Fred Wagner & Son, general repairs	168 60	
	Hoffmann & Schaefer, general repairs	2 50	911 05
1904.			
Jan.	J. Ruppenthal & Son, general repairs	2 50	
	Henry Wagner, general repairs	74 65	
	Fred Wagner & Son, general repairs	128 25	
	P. J. Cooney, general repairs	27 05	
	J. M. Selzer, general repairs	141 75	374 20
Feb.	F. Wagner & Son, general repairs	19 15	
	Peter Wagner, general repairs	7 00	
	P. J. Cooney, general repairs	223 80	
	J. M. Selzer, general repairs	332 50	
	J. Ruppenthal & Son, general repairs	16 25	598 70
Mar.	Firestone T. & R. Co., general repairs	2 50	
	J. Ruppenthal & Son, general repairs	38 75	
	J. M. Selzer, general repairs	142 80	
	P. J. Cooney, general repairs	43 70	
	Fred Wagner & Son, general repairs	242 40	610 75
			$8,396 40

ENGINE No. 1.—Repairs.

1903-1904.		
Jul.	P. J. Cooney	$30 70
	Kupferle Bros.	30
Aug.	F. Wagner & Son	1 00
Sep.	Kupferle Bros	2 20
	F. Wagner & Son	1 00
Oct.	Kupferle Bros.	10
Jan.	Kupferle Bros.	7 65
		$42 95

ENGINE No. 2.—Repairs.

1903.		
Apr.	Fred Wagner & Son	$78 80
May.	Kupferle Bros.	3 25
Jul.	Fred Wagner & Son	1 00
Oct.	F. R. Seifert	6 20
		$89 25

ENGINE No. 3.—Repairs.

1903-1904.		
Jul.	P. J. Cooney	$2 15
	Kupferle Bros.	7 40
Aug.	Kupferle Bros.	1 60
	Fred Wagner & Son	5 00
		$16 15

ENGINE No. 4.—Repairs.

1903-1904.		
Jul.	Kupferle Bros.	$ 50
Oct.	J. M. Selzer	46 15
Feb.	J. M. Selzer	23 70
Mar.	J. M. Selzer	9 90
		$80 25

ENGINE No. 5.—Repairs.

1903-1904.		
Apr.	Kupferle Bros.	$ 4 00
	Kupferle Bros.	45
	J. M. Selzer	20 75
Aug.	J. M. Selzer	1 50
Sep.	J. M. Selzer	85
Oct.	Kupferle Bros.	3 25
Feb.	Kupferle Bros.	20
Mar.	J. M. Selzer	70 10
		$101 10

ENGINE No. 6.—Repairs.

1903-1904.		
May.	P. J. Cooney	$ 2 50
Jun.	P. J. Cooney	53 25
	F. Wagner & Son	16 70
Jul.	P. J. Cooney	52 80
Aug.	Fred Wagner & Son	3 00
Oct.	Kupferle Bros.	25 25
Jan.	Kupferle Bros.	4 40
Feb.	Kupferle Bros.	90
1903-1904.		$158 80

ENGINE No. 7.—Repairs.

1903-1904.		
Oct.	J. M. Selzer	$ 30
Nov.	Kupferle Bros.	6 05
Dec.	Kupferle Bros.	50
Mar.	Kupferle Bros.	1 76
		$8 61

ENGINE No. 8.—Repairs.

1903-1904.		
Jul.	J. M. Selzer	$12 20
Jan.	Kupferle Bros.	17 33
	J. M. Selzer	20 80
		$50 33

ENGINE No. 9.—Repairs.

1903-1904.		
May.	P. J. Cooney	$10 35
Jun.	P. J. Cooney	6 50
Sep.	Kupferle Bros.	2 00
Oct.	Kupferle Bros.	5 00
Nov.	Kupferle Bros.	18 90
Feb.	Kupferle Bros.	9 95
Mar.	J. M. Selzer	22 40
		$75 10

ENGINE No. 10.—Repairs.

1903.		
Apr.	J. M. Selzer	$ 1 25
Jun.	P. J. Cooney	5 00
Aug.	Kupferle Bros.	60
Oct.	Kupferle Bros.	1 25
Dec.	Fred Wagner & Son	25 60
		$33 70

ENGINE No. 11.—Repairs.

1903.		
Apr.	Fred Wagner & Son	$ 3 00
May.	Fred Wagner & Son	3 00
Oct.	Fred Wagner & Son	4 50
		$10 50

ENGINE No. 12.—Repairs.

1903-1904.		
Jun.	P. J. Cooney	$ 5 00
Jan.	Kupferle Bros.	20
Mar.	Kupferle Bros.	1 00
		$6 20

ENGINE No. 13.—Repairs.

1903-1904.		
Apr.	J. Ruppental & Son	$ 4 00
May.	P. J. Cooney	7 05
Aug.	Kupferle & Bros.	50
Sep.	Kupferle & Bros.	50
Oct.	Kupferle & Bros.	21 00
Nov.	P. J. Cooney	22 55
Dec.	P. J. Cooney	14 30
Mar.	John E. Boneen	7 50
	Kupferle Bros.	20 80
	J. M. Selzer	12 80
		$110 80

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ENGINE No. 14.—Repairs.

1903-1904.			
Jan.	Kupferle Bros.		$ 5 70
	J. M. Selzer		6 65
			$12 35

ENGINE No. 15.—Repairs.

1903-1904.			
Jun.	Fred Wagner & Son		$ 9 00
Jul.	Fred Wagner & Son		4 90
	Kupferle Bros.		1 00
Aug.	Kupferle Bros.		1 25
Sep.	Fred Wagner & Son		14 80
	Kupferle Bros.		1 80
Oct.	Fred Wagner & Son		3 00
Nov.	Kupferle Bros.		10
	Fred Wagner & Son		62 86
			$98 71

ENGINE No. 16.—Repairs.

1903-1904.			
Apr.	Fred Wagner & Son		$ 2 25
May.	Fred Wagner & Son		4 50
Aug.	Kuperle Bros.		50
Oct.	Kupferle Bros.		1 20
Jan.	Fred Wagner & Son		87 50
Feb.	Kupferle Bros.		1 50
			$97 45

ENGINE No. 17.—Repairs.

1903-1904.			
Jul.	J. M. Selzer		$ 7 85
Sep.	J. M. Selzer		15 15
Oct.	Kupferle Bros.		1 00
Dec.	Kupferle Bros.		50
Jan.	J. M. Selzer		68 45
			$92 95

ENGINE No. 18.—Repairs.

1903-1904.			
Jun.	P. J. Cooney		$ 5 00
Aug.	Kupferle Bros.		1 25
Sep.	P. J. Cooney		40
Oct.	Kupferle Bros.		3 00
Dec.	P. J. Cooney		7 95
Feb.	Kupferle Bros.		35
			$17 95

ENGINE No. 19.—Repairs.

1903-1904.			
May.	Kupferle Bros.		$9 75
			$9 75

ENGINE No. 21.—Repairs.

1903-1904.			
May.	J. M. Selzer		$ 9 25
Aug.	Kupferle Bros.		1 35
Dec.	Kupferle Bros.		3 00
Feb.	Kupferle Bros		00
Mar.	J. M. Selzer		31 00
			$45 20

ENGINE No. 22.—Repairs.

1903-1904.			
May.	Fred Wagner & Son		$ 2 50
Sep.	Kupferle Bros.		21 65
Jan.	Fred Wagner & Son		3 50
Mar.	Fred Wagner & Son		2 80
			$30 45

ENGINE No. 23.—Repairs.

1903-1904.			
May.	P. J. Cooney		$217 35
Jun.	P. J. Cooney		1 50
Jul.	P. J. Cooney		2 50
	Kupferle Bros.		9 80
	J. M. Selzer		1 25
Aug.	P. J. Cooney		13 00
	Fred Wagner & Son		98 00
Sep.	Kupferle Bros.		35
Oct.	Kupferle Bros.		1 20
Dec.	J. M. Selzer		14 20
Jan.	Kupferle Bros.		6 60
			$345 75

ENGINE No. 24.—Repairs.

1903-1904.			
May.	Kupferle Bros.		$ 2 60
Nov.	J. M. Selzer		5 95
	Fred Wagner & Son		3 00
Dec.	Kupferle Bros.		4 20
	Fred Wagner & Son		21 20
Mar.	Kupferle Bros.		3 00
			$40 15

ENGINE No. 25.—Repairs.

1903-1904.			
Apr.	Kupferle Bros.		$ 93
May.	J. M. Selzer		8 40
Jul.	Kupferle Bros.		30
Oct.	J. M. Selzer		14 20
Jan.	J. M. Selzer		12 70
Feb.	J. M. Selzer		15 45
	Kupferle Bros.		15 85
Mar.	J. M. Selzer		5 90
			$73 73

ENGINE No. 26.—Repairs.

1903-1904.			
Apr.	Kupferle Bros.		$ 75
Sep.	Kupferle Bros.		3 48
Feb.	Kupferle Bros.		60
			$4 83

ENGINE No. 27.—Repairs.

1903-1904.			
Apr.	Kupferle Bros.		$ 1 50
Jul.	J. M. Selzer		8 20
	Kupferle Bros.		16 35
	P. J. Cooney		5 00
Mar.	Kupferle Bros.		1 00
			$32 05

ENGINE No. 28.—Repairs.

1903-1904.			
Jun.	Kupferle Bros.		$ 2 60
Dec.	J. M. Selzer		45 55
	Kupferle Bros.		1 50
Jan.	Kupferle Bros.		1 58
Feb.	Kupferle Bros.		1 40
			$52 63

ENGINE No. 29.—Repairs.

1903-1904.			
Jun.	J. M. Selzer		$23 20
Nov.	J. M. Selzer		4 50
Dec.	J. M. Selzer		47 60
Jan.	Kupferle Bros.		80
			$76 10

ENGINE No. 31.—Repairs.

1903-1904.			
Jan.	Kupferle Bros.		$ 60
	John Bonecum		22 00
			$22 60

ENGINE No. 32.—Repairs.

1903-1904.			
Jun.	J. M. Selzer		$101 70
Jul.	Kupferle Bros.		15
	J. M. Selzer		12 30
	J. M. Selzer		35 00
Feb.	Kupferle Bros.		90
			$150 05

ENGINE No. 33.—Repairs.

1903-1904.			
Aug.	Kupferle Bros.		$14 50
	John E. Bonecum		36 00
	P. J. Cooney		5 75
	J. M. Selzer		31 60
	Kupferle Bros.		1 20
			$89 05

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ENGINE No. 34.—Repairs.

1903-1904.			
Apr.	Kupferle Bros.		$ 85
	Fred Wagner & Son		22 75
Aug.	Fred Wagner & Son		2 00
Feb.	Kupferle Bros.		90
Mar.	Fred Wagner & Son		2 00
			$29 50

ENGINE No. 35.—Repairs.

1903-1904.			
Aug.	Fred Wagner & Son		$ 7 00
	John O'Brien		1 50
Sep.	Fred Wagner & Son		66 60
	Kupferle Bros.		24 70
Jan.	Kupferle Bros.		70
Mar.	Kupferle Bros.		1 20
	J. M. Selzer		28 20
			$129 90

ENGINE No. 37.—Repairs.

1903-1904.			
Apr.	Kupferle Bros.		$ 96 80
	J. M. Selzer		16 75
	J. E. Bonecum		18 00
	P. J. Cooney		5 00
Dec.	J. M. Selzer		25 00
			$161 55

ENGINE No. 38.—Repairs.

1903-1904.			
Oct.	Kupferle Bros.		$ 4 20
	J. M. Selzer		42 60
	Kupferle Bros.		2 00
			$48 80

ENGINE No. 39.—Repairs.

1903-1904.			
Apr.	Fred Wagner & Son		$ 9 00
May.	Kupferle Bros.		1 40
Aug.	Kupferle Bros.		75
Oct.	Kupferle Bros.		6 65
Feb.	Kupferle Bros.		19 75
Mar.	Kupferle Bros.		7 50
			$45 05

ENGINE No. 40.—Repairs.

1903-1904.			
Feb.	Kupferle Bros.		$ 5 30
	Kupferle Bros.		6 40
	Kupferle Bros.		75
			$12 45

ENGINE No. 41.—Repairs.

1903-1904.			
Feb.	Kupferle Bros.		$2 70
			$2 70

ENGINE No. 42.—Repairs.

1903-1904.			
Feb.	J. Ruppenthal & Son		$4 25
			$4 25

REPAIRING EXTRA ENGINES.

ENGINE No. 6.

1903-1904.			
Jun.	J. M. Selzer		$51 10
Jan.	J. M. Selzer		12 70
			$63 80

ENGINE No. 7.

1903-1904.			
Dec.	Kupferle Bros.		$ 3 70
Mar.	Kupferle Bros.		11 90
	J. M. Selzer		19 30
			$34 90

ENGINE No. 9.

1903-1904.			
Jul.	Kupferle Bros.		$ 9 00
Dec.	J. M. Selzer		23 85
Jan.	J. M. Selzer		6 70
			$39 55

REPAIRING HOOK AND LADDER TRUCKS.

HOOK AND LADDER No. 1—Repairs.

1903-1904.			
Apr.	Fred Wagner & Son		$ 3 95
May.	Fred Wagner & Son		1 25
Jun.	Fred Wagner & Son		3 50
Jul.	Fred Wagner & Son		3 95
	Fred Wagner & Son		2 50
Sep.	Fred Wagner & Son		17 80
Oct.	Fred Wagner & Son		59 50
Jan.	Fred Wagner & Son		6 00
Feb.	Fred Wagner & Son		286 00
Mar.	Kupferle Bros.		11 50
	Fred Wagner & Son		19 05

HOOK AND LADDER No. 2—Repairs.

1903-1904.			
Jun.	J. M. Selzer		$ 6 25
Jul.	J. M. Selzer		7 20
Aug.	J. M. Selzer		75
Oct.	J. M. Selzer		21 75
Dec.	P. J. Cooney		36 50
Feb.	J. M. Selzer		55 25

HOOK AND LADDER No. 3—Repairs.

1903-1904.			
Apr.	Fred Wagner & Son		$14 50
May.	J. Ruppenthal & Son		7 50
Jun.	P. J. Cooney		129 00
	P. J. Cooney		22 00
	Fred Wagner & Son		1 20
Dec.	Fred Wagner & Son		7 75
Jan.	Fred Wagner & Son		1 00
Mar.	P. J. Cooney		10 55

HOOK AND LADDER No. 4—Repairs.

1903-1904.			
May.	Fred Wagner & Son		$42 50
Aug.	Fred Wagner & Son		8 35
Oct.	Fred Wagner & Son		35 10
	J. M. Selzer		26 05
Nov.	Fred Wagner & Son		30 60
Dec.	Fred Wagner & Son		19 95
Mar.	P. J. Cooney		14 00
	P. J. Cooney		1 80

HOOK AND LADDER No. 5—Repairs.

1903-1904.			
May.	J. M. Selzer		$ 7 50
Jul.	J. M. Selzer		6 55
	P. J. Cooney		34 25
Nov.	J. M. Selzer		6 50
Dec.	P. J. Cooney		8 50
Mar.	Kupferle Bros.		40
	J. M. Selzer		34 50

HOOK AND LADDER No. 6—Repairs.

1903-1904.			
May.	Kupferle Bros.		$ 1 75
Jun.	P. J. Cooney		2 75
	J. M. Sellzer		75
Jul.	Kupferle Bros.		25
	P. J. Cooney		762 35
Sep.	J. M. Selzer		1 25
Nov.	P. J. Cooney		2 50
Dec.	P. J. Cooney		48 00
Jan.	P. J. Cooney		25 00
Feb.	P. J. Cooney		5 10

HOOK AND LADDER No. 7—Repairs.

1903-1904.			
May.	P. J. Cooney		$ 2 50
Aug.	P. J. Cooney		2 60
Oct.	J. M. Selzer		7 45
	P. J. Cooney		387 00
Dec.	P. J. Cooney		4 80
	J. M. Selzer		4 25
Feb.	P. J. Cooney		5 10
Mar.	P. J. Cooney		20 50
	J. M. Selzer		23 20

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HOOK AND LADDER No. 8—Repairs.

1903-1904.

Apr.	P. J. Cooney	$466 00
May.	P. J. Cooney	4 85
	J. M. Selzer	27 70
Jul.	J. M. Selzer	25 70
	J. M. Selzer	5 50
Aug.	J. M. Selzer	5 95
	P. J. Cooney	2 60
Sep.	P. J. Cooney	2 00
Oct.	J. M. Selzer	1 50
Dec.	J. M. Selzer	33 85
	P. J. Cooney	20 00
Mar.	Kupferle Bros.	5 10

HOOK AND LADDER No. 9—Repairs.

1903-1904.

Apr.	J. M. Selzer	$33 30
May.	J. M. Selzer	7 20
Jun.	P. J. Cooney	7 00
Aug.	J. M. Selzer	2 00
Nov.	J. M. Selzer	131 05
Dec.	J. M. Selzer	6 20
Mar.	J. M. Selzer	20
	Kupferle Bros.	2 70

ENGINE No. 10—Repairs.

1903-1904.

May.	P. J. Cooney	$ 2 50
Jul.	Fred Wagner & Son	383 45
Nov.	Fred Wagner & Son	7 50

ENGINE No. 11.—Repairs.

1903-1904.

Apr.	Fred Wagner & Son	$ 1 60
May.	Fred Wagner & Son	21 00
Sep.	Fred Wagner & Son	9 00

ENGINE No. 12.—Repairs.

1903-1904.

Jul.	J. M. Selzer	$31 25
	J. M. Selzer	57 60
Dec.	J. M. Selzer	1 50
Mar.	J. M. Selzer	22 40

ENGINE No. 13.—Repairs.

1903-1904.

Mar.	J. M. Selzer	$22 75

ENGINE No. 14.—Repairs.

1903-1904.

Mar.	J. M. Selzer	$15 05

REPAIRING EXTRA HOOK AND LADDER.

HOOK AND LADDER No. 1—Repairs.

1903-1904.

Nov.	J. M. Selzer	$27 70
	J. M. Selzer	13 45
Dec.	P. J. Cooney	6 30
	J. M. Selzer	6 30

HOOK AND LADDER No. 3—Repairs.

1903-1904.

Jul.	Fred Wagner & Son	$22 95

REPAIRING WATER TOWERS.

WATER TOWER No. 1—Repairs.

1903-1904.

Apr.	P. J. Cooney	$270 60
Dec.	Kupferle Bros.	75

WATER TOWER No. 2—Repairs.

1903-1904.

Jun.	Kupferle Bros	$23 30
Aug.	P. J. Cooney	80 50

HORSESHOEING ACCOUNT.

April, 1903.

Jas. J. Woods	$ 21 50
Robt. Mulcahy	14 25
Carlos York	12 00
Benj. Flanagan	13 00
Jas. McLaughlin	9 00
Thos. Hade	19 00
Fred Hagedorn	13 50
John Hennessy	19 37
O'Connor & Begley	18 75
Owen Shannon	24 38
Thos. Taylor	10 50
Geo. Gates	12 75
L. J. Hayes	12 00
Chas. Wieneck	24 00
H. Hy. Hoff	6 75
A. H. Joehn	13 76
C. J. Reilly	15 00
E. F. Thornhill	18 50
Grace Bros.	24 38
H. J. Mohrmann	64 25
John Dugan	10 88
John Dugan	12 00
Wm. Leeser	13 88
P. E. Flanagan	97 88
E. Butler & Son	297 50

May, 1903.

Robt. Mulcahy	$ 6 75
Wm. Leeser	13 50
P. E. Flanagan	93 00
John Dugan	21 50
John Dugan	6 35
Jas. J. Woods	15 38
John Hennessy	21 36
Ben Flanagan & Son	14 50
Jas. McLaughlin	9 35
Owen Shannon	15 50
Geo. Gates	3 40
Geo. Gates	10 50
Chas. Weineck	24 75
L. J. Hayes	12 00
Thos. Hade	23 00
A. H. Joehn	12 00
A. H. Joehn	3 38
Grace Bros	17 14
C. J. Reilly	12 75
H. J. Mohrmann	65 50
E. F. Thornhill	20 50
Thos. Taylor	14 00
Thos. Taylor	20 87
O'Connor & Begley	12 38
Carlos York	6 00
Fred Hagedorn	6 00
E. Butler & Son	322 63
Walsh Bros.	6 00

June, 1903.

Thos. Hade	24 25
Fred Hagedorn	14 25
Thos Taylor	12 38
Thos. Taylor	6 50
Carlos York	12 00
Chas. Weineck	24 75
L. J. Hayes	12 00
O'Connor & Begley	16 50
Jas. McLaughlin	9 00
Grace Bros.	14 00
Ben. Flanagan	13 38
Geo. Gates	6 00
Geo. Gates	7 75
Walsh Bros.	6 00
Owen Shannon	24 50
Jas. J. Woods	20 13
Wm. Leeser	13 50
Robt. Mulcahy	13 50
Ed. F. Thornhill	1 00
Ed. F. Thornhill	15 38
R. E. Flanagan	71 75
H. J. Mohrmann	73 00
John Hennessy	19 12
P. E. Flanagan	71 75
C. J. Reilly	18 00
A. H. Joehn	7 00
A. H. Joehn	6 00
E. Butler & Son	310 75
John Dugan	12 00
John Dugan	10 88

July, 1903.

Owen Shannon	13 13
A. H. Joehn	19 00
C. J. Reilly	19 13
E. Butler & Son	325 63
P. E. Flanagan	102 00

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John Dugan	28 15
Ed. F. Thornhill	21 64
H. J. Mohrmann	87 50
Jas. J. Woods	22 25
Thos. Brennan	1 50
Jas. McLaughlin	9 35
Wm. Leeser	14 63
Grace Bros.	12 00
Walsh Bros.	39 00
Thos. Taylor	28 88
O'Connor & Begley	13 88
John Hennessy	22 36
Fred Hagedorn	7 88
L. J. Hayes	13 50
Chas. Weineck	26 40
Benj. Flanagan	13 00
Geo. Gates	15 00
Thos. Hade	21 75
Carlos York	6 00
Robt. Mulcahy	6 38

August, 1903.

John Dugan	10 50
John Dugan	12 00
H. J. Mohrmann	95 13
A. H. Joehn	3 00
A. H. Joehn	6 38
P E. Flanagan	80 38
Jas. J. Woods	7 13
Grace Bros.	15 75
C. J. Reilly	12 75
Jas. McLaughlin	9 75
Robt. Mulcahy	14 25
Wm. Leeser	13 50
Thos. Brennan	13 25
Carlos York	12 00
Thos. Taylor	18 50
Thos. Taylor	6 38
Thos. Hade	25 00
Owen Shannon	24 50
O'Connor & Begley	17 63
John Hennessy	23 50
Geo. Gates	13 50
Chas. Weineck	25 20
Walsh Bros.	23 75
L J. Hayes	15 00
Fred Hagedorn	13 13
Ed F. Thornhill	1 00
Ed. F. Thornhill	75
Edw. F. Thornhill	20 25
E. Butler & Son	323 63

September, 1903.

C. J. Reilly	18 38
A. H. Joehn	7 38
A. H. Joehn	12 38
Jas J. Woods	15 38
Wm. Leeser	13 50
Geo. Gates	9 75
Geo. Gates	5 25
Thos. Taylor	12 00
Thos. Taylor	13 63
Owen Shannon	16 25
John Hennessy	22 87
Chas. Weineck	26 30
O'Connor & Begley	14 63
L. J. Hayes	12 00
Fred Hagedorn	6 38
Carlos York	6 00
Grace Bros.	12 38
Jas. McLaughlin	9 37
Thos. Hade	28 25
Walsh Bros.	29 00
Robt. Mulcahy	6 38
Thos. Brennan	12 88
John Dugan	21 50
John Dugan	6 00
E F. Thornhill	14 38
Hy. J Mohrmann	62 50
P. E Flanagan	86 12
E. Butler & Son	270 87

October, 1903.

John Dugan	22 50
H. J. Mohrmann	63 25
A. H. Joehn	3 38
A. H. Joehn	6 00
P. E. Flanagan	67 87
Jas. Woods	12 38
C. J Reilly	15 00
Jas. McLaughlin	9 35
Robt. Mulcahy	13 50
Wm. Leeser	13 50
Thos. Brennan	15 12
Carlos York	12 00
Thos. Taylor	24 20
Thos. Hade	24 25
Owen Shannon	18 00
O'Connor & Begley	17 25
John Hennessy	20 85
Geo. Gates	15 00
Chas. Weineck	24 75
Walsh Bros.	34 75
L. J. Hayes	12 00
F. Hagedorn	13 88
E. F. Thornhill	15 50
E. Butler & Son	302 62

November, 1903.

Owen Shannon	15 00
Carlos York	6 00
Robt. Mulcahy	13 88
Wm. L. Roach	1 50
H. J. Mohrmann	48 00
C. J. Reilly	19 25
Jas. J. Woods	13 50
Wm. Leeser	19 38
A. H. Joehn	20 38
Thos. Brennan	44 50
Walsh Bros.	10 37
Jas. McLaughlin	20 50
Grace Bros.	89 25
P E. Flanagan	16 00
E. F. Thornhill	7 13
Fred Hagedorn	12 37
L. J. Hayes	30 50
Thos. Taylor	9 40
Geo. Gates	19 00
John Hennessy	26 65
Chas. Weineck	30 00
Thos. Hade	14 75
O'Connor & Begley	27 00
E. Butler & Son	302 38
John Dugan	13 50

December, 1903.

P. E. Flanagan	86 25
Owen Shannon	26 25
E. Butler & Son	301 88
John Dugan	22 50
A. H. Joehn	9 00
Walsh Bros.	57 38
Henry J Mohrmann	57 75
C. J. Reilly	30 38
Ed. Thornhill	20 13
Wm. Leeser	20 25
Robt. Mulcahy	6 00
Jas. J. Woods	16 38
Carlos York	12 00
L. J. Hayes	18 00
Grace Bros.	17 50
Jas. McLaughlin	9 00
Thos. Brennan	27 88
Thos. Taylor	20 00
O'Connor & Begley	20 25
Thos. Hade	28 25
John Hennessy	20 75
Chas. Weineck	30 00
Fred Hagedorn	18 00
Geo. Gates	16 13
	$892 66

January, 1904

H. J. Mohrmann	$ 49 50
Jas. McLaughlin	12 37
Edw. F. Thornhill	13 50
C. J. Reilly	38 35
P. E. Flanagan	112 37
Carlos York	6 00
Grace Bros.	20 00
Thos. Brennan	27 49
Walsh Bros.	72 63
L. J. Hayes	18 38
Robt. McCuley	13 88
Thos. Taylor	43 62

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John Hennessey	20 11
Fred Hagedorn	6 00
O'Connor & Begley	17 63
Chas Weineck	25 50
Thos. Hade	37 50
Geo. Gates	13 13
Owen Shannon	15 38
Albert Joehn	19 00
John Dugan	27 00
Jas. J. Woods	15 50
Wm. Leeser	13 50
E. Butler & Son	415 63
	$1,053 87

February, 1904.

P. E. Flanagan	$ 97 12
A. H. Joehn	10 75
E. Butler & Son	341 75
Jas. J. Woods	18 38
H J. Mohrmann	52 13
Ed. Thornhill	15 75
C. J. Reilly	17 50
Wm. Leeser	13 50
Jas. McLaughlin	19 13
Robt. Mulcahy	6 00
Owen Shannon	41 00
John Hennessey	27 00
Grace Bros.	22 88
Thos. Brennan	24 88
Walsh Bros.	59 25
John Dugan	23 50
L. J. Hayes	19 50
Chas. Weineck	27 00
Geo. Gates	6 00
Carlos York	12 00
Thos. Hade	24 25
Fred Hagedorn	13 50
O'Connor & Begley	23 75
Thos. Taylor	15 00
	$931 52

March, 1904.

E Butler & Son	$ 341 88
Owen Shannon	26 50
Jas. J. Woods	13 88
P. E. Flanagan	69 62
C. J. Reilly	19 35
Hy. J. Mohrman	58 00
Walsh Bros.	36 50
Thos. Hade	27 50
Thos. Brennan	21 63
John Hennessey	18 75
Wm. Leeser	13 50
Fred Hagedorn	7 50
Thos. Taylor	33 13
Chas. Weineck	24 00
Geo. Gates	12 00
Edw. Thornhill	19 00
O'Connor & Begley	12 75
Robt Mulcahy	14 38
Jas. McLaughlin	9 37
A. H. Joehn	19 00
L. J. Hayes	13 75
John Dugan	27 25
P. T. Callahan	35 88
Total	$10,296 37

STATIONERY, PRINTING AND OFFICE EXPENSES.

1903-1904.		
Apr.	Woodward & Tiernan, 1 ribbon for time stamp	$ .40
May	Gould Directory Co., 1 city directory	6 00
	Buxton & Skinner, stationery for office	8 35
	Woodward & Tiernan, 1,000 application blanks	8 50
Jun.	Woodward & Tiernan, desk pads and paste	3 30
	St. Louis Printing Co., cards and letter heads	4 00
	St. Louis Printing Co., 1,250 2-cent stamps	25 00
Jul.	Lambert-Deacon-Hull, order books and fire record	60 20
Aug.	W. T. Burke, forms No. 2, 5, 6, 8, 9, 10, 11	81 75
Sep.	Underwood Type Co., one ribbon	75
Oct.	Lambert-Deacon-Hull, pencils, pens and rubber bands	13 05
Nov.	Blackwell-Wielandy, ink, letter book, penholders	6 96
Dec.	Hart Printing Co., 5,000 fire reports	13 50
	St. Louis Printing Co., six order books	11 50
Jan.	Underwood Type. Co., one ribbon	75
	S. G Adams, one rubber stamp	75
	St. Louis Printing Co., 1,000 gummed slips	10 00
Feb.	St. Louis Printing Co., pay roll slips, envelopes and receipt books	50 50
Mar.	Lambert-Deacon-Hull, stationery for office	8 38
	St. Louis Printing Co., slips for running book	4 00
	St. Louis Printing Co., 2,000 forms No. 5, 8, 9	21 75
	St. Louis Printing Co., letter heads, 400 gummed slips	25 00
	A. Weiss, repairing lock on desk	2 00
		$366 89

NEW HORSES.

1903-1904.		
Apr.	Sloan-Caldwell, 1 brown horse	$ 200 00
May	Sloan-Caldwell, 2 grey horses	370 00
	Sloan-Caldwell, 1 bay horse	200 00
Jun.	Sloan-Caldwell, 1 brown and 1 grey horse	425 00
	Sloan-Caldwell, 1 grey and 1 black horse	385 00
	Jno. T. Sharkey, 1 bay horse	200 00
	Phil. A. Schmidt, 2 bay horses	350 00
Jul.	Phil. A. Schmidt, 1 black horse	200 00
	Sloan & Caldwell, 1 black horse	200 00
	Sloan & Caldwell, 1 black horse	225 00
	J. H. Bell, 1 bay horse	225 00
Aug.	Sloan & Caldwell, 1 bay and sorrel	235 00
	Sloan & Caldwell, 2 grey horses	450 00
	Sloan & Caldwell, 1 bay and 1 grey horse	455 00
	Sloan & Caldwell, 1 brown horse	200 00
	J. H. Bell, 1 grey horse	200 00
	Phil. A. Schmidt, 1 bay horse	210 00
	Phil. A Schmidt, 1 bay and 1 brown horse	440 00
	Jno. T. Sharkey, 1 bay horse	165 00

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Oct.	Sloan & Caldwell, 2 black horses	485 00
	J. H. Bell, 1 grey horse	200 00
Nov.	J. H. Bell, 1 grey horse	225 00
Dec.	Edw. Butler, 1 bay horse	250 00
	Sloan & Caldwell, 1 chestnut and 2 grey horses	580 00
	Sloan & Caldwell, 1 spotted horse	200 00
	Phil. A. Schmidt, 1 grey horse	165 00
Jan.	Sloan & Caldwell, 1 chestnut and 1 brown horse	440 00
	Sloan & Caldwell, 1 bay and 1 grey horse	415 00
	Phil. Schmidt, 1 sorrel and 1 grey horse	400 00
	Phil. A. Schmidt, 2 bay horses	385 00
Mar.	J. W. Bell, 2 black horses	460 00
		$9.970 00

NEW HOSE, COUPLINGS, NOZZLES, REPAIRS.

1903.			
May	Kupferle Bros., repairing hose	$ 6 00	
	J. Ruppenthal & Son, expanding rings	12 25	
	Jas. W. Byrnes, 20 2½ in. gaskets	10 00	$ 28 25
Jun.	The Fire Ext. Mfg. Co., 15 pcs. chemical ext. hose	45 00	
	The Fire Ext. Mfg. Co., freight prepaid	35	
	M. Debatin, 1 hose stick strap	1 00	
	Kupferle Bros., repairing hose	3 00	49 35
Jul.	M. Debatin, 2 hose straps	2 00	
	E. F. Krallmann, covering play pipes	8 50	
	Kupferle Bros., steam hose, repairing nozzles	2 15	
	J. Ruppenthal & Son, rings, repairing nozzles	17 45	80 10
Aug.	Union Supply Co., 1.500 ft. hose A. No. 1 brand	1.200 00	
	Kupferle Bros., steam hose, repairing same	5 80	
	J. Ruppenthal, rep. shut-off nozzles	2 65	
	Glazier Univ. Noz. Co., 1-3 Way. Glazier nozzle	300 00	
	Glazier Univ. Noz. Co., 2 sngl. arms Style C	70 00	1.578 45
Sep.	Capen Belting P. & R. Co., 1.000 ft. 2½ in. Pennant coupled	800 00	
	Manhattan Rub Mfg. Co., 1.000 ft. 2½ Farragut coupld	800 00	
	Chicago Fire Hose Co., 1.000 ft. 2½ Nat. jkt	800 00	
	Eureka Fire Hose Co., 2.000 ft., 2½ Paragon	1.800 00	
	Eureka Fire Hose Co., 1.000 ft. 2½ Blue Diam	800 00	
	New York B. & P. Co., 1.000 ft., 2½ Keystone	900 00	
	Am. Fire Eng. Co., 1 doz. 3 Way plug catchers	72 40	
	J Ruppenthal & Son, 500 2½ exp. rings	70 00	
	Kupferle Bros., repairing nozzles	5 90	6.048 30
Oct.	Jas. W. Byrnes, 1.000 ft. 2½ in. Boston F. jkt	850 00	
	N. Y. Belting & Pkg. Co., 2 lengths S. B. suctions	165 00	
	Day Rubber Co., 6 21-ft. 3½ in. suctions	258 30	
	M. Debatin, repairs	2 00	
	J. Ruppenthal & Sons, plug catchers, couplings	133 61	
	Kupferle Bros., repairing	17 10	1.426 01
Nov.	Union Supply Co., 126 ft. 3½ in. suctions	352 00	
	J. Ruppenthal, expanding rings	77 15	
	Fire Ext. Co., rubber pipe W. T	25 55	
	Kupferle Bros., repairs	88 50	544 00
Dec.	Union Supply Co., 1.000 ft. 2½ in. A No. 1, cotton, cpld., @ 80c	800 00	
	Jas. W. Byrnes, 1.000 ft. 2½ in. Boston jkt. cotton, cpld. @ 85c	850 00	
	Chicago F. H. Co., 1.000 ft. 2½ in. Nat. jkt. cotton, cpld. @ 80c	800 00	
	J. Ruppenthal & Son, repairing hose	9 00	
	Kupferle Bros., repairing hose	14 35	
	M. Debatin, hose stick straps	3 25	
	Goodrich Hose Co., 50 ft. 2½ in. cpld., to replace that destroyed by Transit Co., no charge.		
1904.			
Jan.	Capen Beltg. & Pkg. Co., 1.000 ft. 2½ in. dbl. jkt. Kerney, cpld. @ 80c	800 00	
	Manhattan Rubber Co., 1.000 ft. 2½ in. Farragut. cpld. @ 80c	800 00	
	Manhattan Rubber Co., 1.000 ft. 3 in. Faragut @ $1.00	1.000 00	
	N. Y. Beltg. & Pkg. Co., 1.000 ft. 2½ in. Keystone cpld. @ 90c	900 00	
	Eureka Fire Hose Co., 1.000 ft. 2½ in. Paragon cpld. @ 90c	900 00	
	Eureka Fire Hose Co., 1.000 ft. 2½ in. Blue Diamond cpld. @ 80c	800 00	
	Eureka Fire Hose Co., 1.000 ft. 3 in. Paragon cpld. @ $1.05	1.050 00	
	J. Ruppenthal & Son, repairing nozzles, etc	24 00	
	Kupferle Bros., repairing nozzles, etc	8 90	
Feb.	Eureka Fire Hose Co., 1.000 ft. 2½ in. Paragon cpld. @ 90c	900 00	
	Day Rubber Co., 19 lbs. gaskets @ 35c	6 65	
	N. Y. Beltg. & Pkg. Co., 4 lengths 5 in. suction hose, 11 ft. each	165 00	
	Union Supply Co., 1.000 ft. 2½ in. dbld. jkt. A No. 1	800 00	
	J. Ruppenthal & Son, repairing	82 80	
	Kupferle Bros., repairing	5 90	

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Mar.	Eureka Fire Hose Co., 1.500 ft. 2½ in. Blue Diamond cpld. @ 80c	1,200 00	
	Eureka Fire Hose Co., 1.000 ft. 2½ in. Paragon cpld @ 90c	900 00	
	Capen Beltg & Pkg. Co., 1.000 ft. Bergen cpld. @ 90c	900 00	
	Capen Beltg. & Pkg. Co., 2.000 ¾ in. 4 ply chem. hose @ 28c	560 00	
	Manhattan Rub. Mfg. Co., 1.000 2½ in. Mohican, cpld. @ 85c	850 00	
	Kupferle Bros., repairing	8 50	
	J. Ruppenthal & Son, repairing	13 40	
	M. Debatin, repairing	2 85	
			$24.859 06

NEW HOSE WAGONS.

1903-1904.			
Dec.	J. M. Selzer, 3 combination wagons	$ 2.100 00	
Mar.	Fire Ext. Mfg. Co., 1 Holloway combination wagon	1.850 00	
			$ 3.950 00

LABOR, MATERIAL AND REPAIRING BUILDINGS.

1903-1904.			
Apr.	John Frost, plumbing repairs E. H. No. 9	$ 6 55	
	John Frost, plumbing repairs E. H. No. 25	7 55	
May	Louis Essig Lumber Co, 10.000 ft. y. pine, 5.000 ft. oak.	272 00	
	B. J. Higgins, repairing gutters E. H. No. 15	12 44	
	B. J. Higgins, repairing gutters E. H. No. 28	16 29	
	Thos. Sheehan, plumbing repairs E. H. No. 32	13 50	
	John Frost, plumbing repairs E. H. No 15	8 25	
	Geo. A. Riddle, repairing roof E. H. No. 12	36 41	
Jun.	Thos. Sheehan, plumbing repairs E. H. No. 32	16 05	
	Thos Sheehan, plumbing repairs E. H. No. 30	14 20	
	Thos. Sheehan, plumbing repairs E. H. No. 5	5 50	
	St. Louis Roofing Co., repg. hose tower E. H. No. 36	7 75	
	John McInery, papering room E. H. No. 23	8 00	
	Fair Roofing Co., rpg. hose tower roof E. H. No. 17	8 00	
	F. A. Kilber, papering E H. No. 12	95 00	
	Wm. F. Grace, cutting drip in sill E. H. No. 6	14 40	
Jul.	John Frost, plumbing repairs E. H. No. 19	7 77	
	John Frost, plumbing repairs E. H. No. 23	13 75	
	John Frost, plumbing repairs E. H. No. 29	56 38	
	John Frost, plumbing repairs E. H. No. 32	3 30	
	John Frost, plumbing repairs E. H. No. 21	4 15	
	John Frost, plumbing repairs E. H. No. 23	12 00	
	John Frost, plumbing repairs E. H. No. 17	4 40	
	John Frost, plumbing repairs E. H No. 5	6 75	
	Thos. J. Sheehan, plumbing repairs E. H. No. 33	44 10	
	Thos. J. Sheehan, plumbing repairs E. H. No. 38	9 86	
	Thos. J. Sheehan, plumbing repairs E. H. No 23	55 62	
	Thos. J. Sheehan, plumbing repairs E. H. No. 1	17 50	
	B. J. Higgins, repg gutters, etc. E. H. No. 24	8 61	
	B. J. Higgins, repg. gutters, etc. E. H. No. 38	13 26	
	B. J. Higgins, repg gutters, etc. E. H. No. 15	24 75	
	B. J. Higgins, new smoke stack E. H. No. 11	18 28	
	B. J. Higgins, repg. gutters, etc. E. H. No. 11	14 00	
	B. J. Higgins, repg. gutters, etc. E. H. No. 23	11 60	
	B. J. Higgins, repg. gutters, etc. E. H. No. 32	7 35	
	Fair Roofing Co, repg. roof E. H. No. 28	30 00	
	Fair Roofing Co., repg. roof E. H. No. 3	16 00	
	Fair Roofing Co., repg. roof E. H. No. 29	29 25	
	Zeigelmeyer & Sutter, repg. brick wall E. H No. 2	151 00	
	Excl. Granit. & Const Co., bal. due on Cont. No. 6090	200 00	
	C. P. Strather, papering room E. H. No. 17	36 00	
	P. Brennan, repg. brick work E. H. No. 28	19 90	
	Jas. E. Eagan, plumbing repairs E. H. No. 2	2 00	
	Jas. S. Dowling, glazing E. H. No. 4	6 85	
	L. M. Rumsey, 1 doz. hose cocks	10 25	
Aug.	L. M. Rumsey, plumbing material	2 92	
	L. M Rumsey, pipe and fittings E. H. No. 23	15 48	
	L. M. Rumsey, sink and pipe E. H. No. 3	5 69	
	L. M. Rumsey, plumbing materials	21 20	
	John J. Ganahl, 10.000 ft. y. p., 5.000 ft. sheeting	88 25	
	Louis Essig L. Co., 9.000 ft. yellow pine	141 25	
	Phil Grunner & Bro., 500 ft. w. p. fig	22 50	
	Chas. W. Goetz L. & C. Co., 1 bbl. white lime	1 25	
	Thos. J. Sheehan, plumbing repairs E. H. No. 9	46 45	
	Thos. J. Sheehan, plumbing repairs E. H. No. 28	34 15	
	Thos J. Sheehan, plumbing repairs E. H. No. 24	34 51	
	St. Louis Roofing Co., new roof shed E. H. No. 1	12 00	
	St. Louis Roofing Co., new roof shed E. H. No. 19	78 00	
	St. Louis Roofing Co., repg. roof E. H. No. 12	12 00	
	St Louis Roofing Co., new roof E. H. No. 5	71 00	
	J. Cudmore, repairs E. H. No. 1	59 25	
	A. Cudmore, bldg. sky lights E. H. No. 23	248 00	
	B. J. Higgins & Son, reprs. eves and spts. E. H. No. 30	152 00	
	John Frost, plumbing reps. E. H. No. 30	82 32	
	Ziegelmeyer & Sutter, repairs E. H. No. 2	36 57	
	John Moore, whtg. and repairs E. H. No. 1	216 00	
	Adolph Muller, repairing gutter E. H. No. 12	14 00	
	P. Brennan, repg. gratg. over c. holes E. H. No 14	15 90	$1.410 79

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Sep.	New Union Sand Co., 1 ld. sand	1 30	
	Cahill-Swift Mfg. Co., 100 gal. boiler	22 30	
	Cahill-Swift Mfg. Co., 6 No. 4 rubber cplgs	2 35	
	Glencoe Lime & S. Co., 1 bbl. lime	1 00	
	Hydraulic Brick Co., 400 brick D. R.	6 00	
	L. M. Rumsey, plumbing supplies	6 00	
	L. M. Rumsey, ½ doz. perfect rub. cplgs	3 85	
	O'Neil Lumber Co., pine lumber	189 00	
	Alex. Cudmore, carpenter wk. E. H. No. 19	25 00	
	Alex Cudmore, new shingles roof hospital	174 00	
	Alex. Cudmore, tuck ptg. E. H. No. 19	793 00	
	J. M. Hennessy, putting down fl. E. H. No. 9	500 00	
	J. M. Hennessy, repairing E. H. No. 31	150 00	
	Otto Stopp, repairing gutters E. H. No. 37	22 50	
	Ewald Becker, repairing E. H. No. 8	764 50	
	Ewald Becker, repairing stall front E. H. No. 8	125 00	
	Huberschmitts Bros., galv. iron sptg E. H. No. 4	8 75	
	Ziegelmeyer & Sutter, repairing E. H. No. 24	237 00	
	Ziegelmeyer & Sutter, building coal bins E. H. No. 32.	360 00	
	John Moore, kalsomining E. H. No. 36	8 00	
	St. L. Roofing Co., roofing coal house E. H. No 32	35 72	3,435 27
Oct.	L. M. Rumsey, tub, basins and cocks	19 00	
	L. M. Rumsey, 52 gal. tank E. H. No. 37	9 30	
	L. M. Rumsey, Fuller balls and basins	9 08	
	Wm. G. Frye Mfg. Co., 2 doors 4.6x8.6x1¾ in. glazed	35 00	
	Cahill-Swift, 1 coil 1¼ in. lead pipe	9 03	
	Louis Essig L. Co., 10,000 ft. y. pine, 5,000 ft. oak	305 00	
	Phil. Gunner & Bros., 2,000 ft. T. and G. lumber	100 00	
	Meyer & Bro., lowering bell off of E. H. No. 10	30 00	
	Ziegelmeyer & Sutter, repairs at E. H. No. 15	469 00	
	Ziegelmeyer & Sutter, repairs at E. H. No. 35	697 50	
	Ziegelmeyer & Sutter, repairs at E. H. No. 32	327 00	
	Chas. Hiller, repairs at E. H. No. 27	6 00	
	John Frost, plumbing repairs E. H. No. 5	44 84	
	Theo. Hainman, plastering E. H. No. 8	40 00	
	John McInery, papering E. H. No. 10	37 50	
	B. J. Higgins, repg. gutters	22 00	
	J. M. Hennessey, repg roof hose tower E. H. No. 8	75 00	
	St. Clair Roofing Co., new asph. roof E. H. No. 15	129 90	
	Alex. Cudmore, repairs roof E. H. No. 10	569 00	2,934 15
Nov.	O'Neil Lumber Co., pickets, lumber E. H. No. 17	66 11	
	Cahill-Swift Mfg. Co., 1 4-in. long lead bend	2 10	
	Cahill-Swift Mfg. Co., 1 No. 88 Royal steam boiler	343 10	
	Cahill-Swift Mfg. Co., 25 ft. 4 in. stand. soil pipe	4 25	
	New Union Sand Co., 1 load sand E. H. No. 32	2 00	
	New Union Sand Co., 1 load sand E. H. No. 13	2 08	
	New Union Sand Co., 1 load sand E. H. No. 9	1 67	
	New Union Sand Co., 1 load sand E. H. No. 35	4 17	
	New Union Sand Co., 12½ bbls. cement E. H. No. 32	25 00	
	John M. McInery, plastering and papering E. H. No. 13	54 00	
	P. Brennan, repg. brick work E. H. No. 20	90 00	
	P. Brennan, repg. brick work	35 00	
	St. Louis Roofing Co., repg. roof E. H. No. 29	40 00	
	St. Louis Roofing Co., repg. roof E. H. No. 5	67 65	
	St. Louis Roofing Co., repg. roof E. H. No. 20	9 50	
	Ziegelmeyer & Sutter, repg. windows and glazing E. H. No. 13	37 55	
	Thos. Sheehan, plumbing repairs E. H. No. 13	20 10	
	John Frost, plumbing repairs E. H. No. 11	73 68	
	B. J. Higgins, repg. gutters E. H. No. 17	31 50	
	Alex. Cudmore, repairs E. H. No 5	697 00	
	Fair Roofing Co., new roof hose tower E. H. No. 9	14 00	
	A. M. Bockhorst, repg. gutters hospital	15 00	
	Shirk I. Co., iron door E. H. No. 35	30 00	
	Thos. Sheehan, new lavatory E. H. No. 23	26 00	
	Ziegelmeyer & Sutter, repairs E. H. No. 35	119 50	
	Cudmore Const. Co., repairing ceilings E. H. No. 5	63 30	1,874 26
Dec.	Union Sand Co., 1 ld. 54 ft. sand E. H. No. 15	1 60	
	Cahill-Swift, plumbing supplies	2 30	
	O'Neil Lumber Co., 10,000 ft. oak, 5,000 ft. pine lumber	374 50	
	Cahill-Swift Mfg. Co., plumbing material	13 82	
	Koch & Martin, rep. sptg. E. H. No. 5	6 25	
	Modern Heating Co., 1 radiator E. H. No 21	49 00	
	Baerveldt Const. Co., on acc. contract No. 6664 E. H. No. 17	1,080 00	
	Asbestos Roofing Co., asbestos roof E. H. No. 17	10 00	
	W. H Johns-Manville Co., covering steam pipe E. H. No. 21	17 33	
	Harry F. Heman, on acc. contract No. 6680 E. H. No. 21	1,710 00	
	C. A. Bird, repg. plastering E. H. No. 27	10 00	
	J. M Hennessey, repg. n. w. cor. E. H. No. 2	49 80	
	Baerveldt Const. Co., on acc. contract No. 6664 E. H. No. 17	488 00	
	Jos. P. Carroll, plumbing repairs E. H. No. 20	17 60	
	Kupferle Bros., new heater E. H. No. 27	395 00	4,225 20

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Jan.	Cahill Swift, plumbing material	9 04	
	B. J. Higgins, repg. gutters E. H. No. 31	9 95	
	Barber Asph. Co., paving fl. E. H. No. 15	29 25	
	Harry F. Heman, bal. due on Cont. No. 6680	397 00	
	C. A. Bird, rep. E. H. No. 25	11 00	456 24
Feb.	Christopher Simpson, iron separators, plates, etc	15 00	
	Christopher Simpson, 2 18 in 55 lb. iron beams E. H. No. 15	78 00	
	Boeckeler Lumber Co., 33 ft. maple flooring	1 40	
	Hydraulic Press Brick Co., 300 paving brick	5 00	
	Cahill-Swift Mfg. Co., 1 pedestal, bowl and spd	4 50	
	L. M. Rumsey & Co., 1 1½ S. trap vented	85	
	Stephen J. Gavin, 140 ft. 2 in. bed mldg	2 80	107 55
Mar.	Fidel-Ganahl L. Co., 2,000 ft. maple fl.	74 50	
	L. M. Rumsey, plumbing material	72 63	
	Cahill-Swift, 1 4 in. lg. lead bend	1 50	
	B. J. Higgins & Sons, repg. gutters and spts. No. 28	185 00	
	Municipal Eng. & Const. Co., connecting drain pipe E. H. No. 30	20 00	353 63
			$16.169 41

MATERIAL, LABOR, PAINTING VARIOUS ENGINE HOUSES.

1903-1904.

May.	Painters' pay roll ending May 30		$ 171 40
Jun.	M. Dougherty, 1 bbl. linseed oil	23 68	
	Thos. Sheedy, painting and graining	58 40	
	Pockels Drug, Glass & Paint Co., painting materials	238 50	
	Painters' pay roll ending July 31	49 50	
Jul.	Painters' pay roll ending July 31st	546 00	
	Painters' pay roll ending July 31	49 50	
	Vane Calvert, paints and oils	142 00	
Aug.	Painters' pay roll ending Aug. 31	552 00	
	Wm. Bollinger, painting various engine houses	40 05	
Sep.	Painters' pay roll, painting various engine houses	568 80	
Oct.	Pockels Drug & Paint Co., paints, oils, brushes	217 60	
	Painters' pay roll ending Oct. 31	576 90	
Nov.	Becker-Moore Paint Co., paints, oils, etc	193 77	
	Becker-Moore Paint Co., paints, oils, etc	227 01	
	Vane Calvert Paint Co., paints, oils, etc	312 85	
	Pay roll ending Nov. 30	633 80	
Dec.	Pay roll ending Dec. 5	58 50	
	Vane-Calvert Co., 1 bbl Turp., 52¼	32 60	
	Pitts. Plate Glass Co., glass for various engine houses	52 34	
	Pitts. Plate Glass Co., putty and tacks	2 20	
	Pitts. Plate Glass Co., paints, oils, varnish & brushes	216 00	
	Painters' pay roll ending Dec. 31	315 00	
	Painters' pay roll, lay off	43 20	
Jan.	Pitts. Plate Glass Co., 1 lt. 18x60	93	
	Pitts. Plate Glass Co., 2 lts. 20x24	76	
	Pitts. Plate Glass Co., 1 lt. 26x23¼	80	
	Painters' pay roll ending Jan. 31	149 40	
Feb.	Pittsburg Plate Glass Co., 1 lt. 34x31 in. glass	92	
Mar.	Becker-Moore Paint Co., paints, oils, varnish	74 00	
			$5,994 31

VETERINARY SALARY AND HORSE MEDICINES.

1903-1904.

Apr.	Dr. J. Prendergast, professional services	$ 100 00
May.	Dr. J. Prendergast, professional services	100 00
	Dr. J. Kelly, dentist services	34 00
	Moffitt-West, drugs	3 45
	Meyer Bros. Drug Co., drugs	5 60
Jun.	Dr. J. Prendergast, professional services	100 00
Jul.	Dr. J. Prendergast, professional services	100 00
	E Butler & Son, 1 gross Brady's Salve	54 00
Aug.	Dr. J. Prendergast, professional services	100 00
	Dr. J. Kelly, dentist services	20 00
Sep.	Dr. J. Prendergast, professional services	100 00
Oct.	Dr. J. Prendergast, professional services	100 00
	Moffitt-West, drugs	70 73
	J. T. Brady, 1 gross Brady's Salve	54 00
Nov.	Dr. J. Prendergast, professional services	100 00
Dec.	Dr. J Prendergast, professional services	100 00
	Dr. J. Kelly, dentist services	20 00
Jan.	Dr. J. Prendergast, professional services	100 00
Feb.	Dr. J. Prendergast, professional services	100 00
Mar.	Dr. J. Prendergast, professional services	100 00
	J. T. Brady, 1 gross Brady's Salve	54 00
	Moffitt-West, drugs, etc	28 97
		$1.554 75

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HEATING APPARATUS AT ENGINE HOUSE No. 12.

Apr.	Fairbanks, Morse Co., one No. 88 Royal Heater	$368 50

SALARY ACCOUNT.

Apr.	Pay roll for month ending April 30th	$ 50,350 49
May.	Pay roll for month ending May 31st	50,363 96
Jun.	Pay roll for month ending June 30th	50,211 32
Jul.	Pay roll for month ending July 31st	50,338 50
Aug.	Pay roll for month ending August 31st	50,454 87
Sep.	Pay roll for month ending September 30th	50,689 83
Oct.	Pay roll for month ending October 31st	50,949 36
Nov.	Pay roll for month ending November 30th	50,801 32
Dec.	Pay roll for month ending December 31st	50,649 18
Jan.	Pay roll for month ending January 31st	50,776 42
Feb.	Pay roll for month ending February 29th	50,619 53
Mar.	Pay roll for month ending March 31st	52,448 22
		$608,653 05

RECAPITULATION.

Apr.	Total expenses for month	$56,744 41
May.	Total expenses for month	57,194 25
Jun.	Total expenses for month	58,501 67
Jul.	Total expenses for month	63,048 48
Aug.	Total expenses for month	63,063 38
Sep.	Total expenses for month	67,164 43
Oct.	Total expenses for month	64,534 66
Nov.	Total expenses for month	78,200 71
Dec.	Total expenses for month	72,193 91
Jan.	Total expenses for month	66,250 82
Feb.	Total expenses for month	60,753 91
Mar.	Total expenses for month	72,234 13
		$780,806 36

UNPAID BILLS FOR LAST FISCAL YEAR.

Jas. M. Byrnes, 1,000 feet 2½" hose	$ 850 00
B. J. Higgins, repairing gutters	15 00
B. J. Higgins, repairing gutters	20 00
Thos. Sheehan, plumbing repairs	9 80
John Frost, plumbing repairs	3 90
John Frost, plumbing repairs	8 90
A. T. Becker, painting engine house No. 36	128 00
	$1,035 60

Respectfully submitted.

ROBERT C. JENKS,

Secretary.

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ANNUAL REPORT

OF THE

Superintendent Fire and Police Telegraph

FOR THE

FISCAL YEAR ENDING APRIL 11, 1904.

Office Superintendent Fire and Police Telegraph Department.
St. Louis, April 19, 1904.

Hon. Rolla Wells, Mayor City of St. Louis:

Dear Sir—I have the honor to submit herewith, the Annual Report of the Fire and Police Telegraph Department for the fiscal year ending April 11, 1904.

In keeping with the record of past years, this Department has energetically advanced the various services under its care as far as appropriations would permit.

The inspection of 1,858 miles of wire, 1,093 fire alarm boxes, 707 telephones, the mechanism and instruments in all engine houses, police stations and public buildings has required the constant and faithful attention of all the employes of this Department.

I shall endeavor during the coming year (appropriation permitting) to rebuild joker or engine house lines of copper wire.

Also an extension of the underground system leading from Twenty-third and Olive streets west and Seventh and Spruce streets south, they being our two largest outlet points from the present underground system.

This work should be done as a safeguard to a serious interruption to the system, that might occur in case of high winds or sleet storms.

In concluding this report, I wish to express to you my thanks for the courtesy and kindly assistance at all times extended to me.

Respectfully submitted,
T. F. ALMON,
Superintendent Fire Alarm Telegraph.

This Department has upon its pay roll twenty-two men, as follows: One Superintendent, one Chief Operator, three Fire Alarm Operators, three Assistant Fire Alarm Operators, three Telephone Operators, one Chief Telephone Inspector, two Telephone Inspectors, three Fire Alarm Inspectors, one Chief of Construction, three Line Repairers and one Batteryman, at a total salary account of twenty-four thousand and three hundred dollars ($24,300.00).

ALARMS SIGNALED.

The Department has received and signalled during the twelve months ending March 31, 1904, 1,651 box alarms, of which 50 were second alarms, 14 were third alarms and one was a general alarm; there were also 909 still alarms, making a total number of alarms received and transmitted to the Fire Department and other City Departments, 2,560.

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This Department has now in operation 1,858 miles of wire on poles, 241,914 feet of underground cable in conduits, 18,118 feet of laterals in service, 4,000 feet of aerial cable on poles, 899 fire alarm boxes on poles, 140 fire alarm boxes on pedestals, and 54 private fire alarm boxes, making a total of 1,093 fire alarm boxes in service. There are also 451 police patrol boxes in service.

FIRE ALARM TELEGRAPH.

The important work of this Department is seldom given the consideration that it deserves. It has been difficult to secure adequate appropriations to maintain the system and make such extensions as conditions require to be made, in order that proper protection may be given to property. The Fire Department does not become effective until a proper notification of fire has been given, and, as the most reliable means of doing so is the fire alarm telegraph, no expense should be spared to make all necessary extensions to the system and maintain the standard of the equipment.

The underground system has continued to work well, and has given entire satisfaction, and trouble from wind storms and fires in high buildings, where the cutting of wires is necessary, has been avoided.

The construction division of this Department has been constantly occupied during the year in construction work proper, as well as in extensions rendered necessary, and in keeping all lines free from crosses and ground escapes, setting and removing poles, erecting fire alarm and police patrol boxes, testing lines, and a great variety of work incident to keeping the system in proper working order.

The fire alarm system has been extended during the past year by the addition of fifty-five (55) fire alarm boxes placed in new locations, the fire risk being taken into consideration in every case.

Ten (10) old fire alarm boxes of obselete patterns that have been in service from thirty to thirty-five years have been replaced by new and modern boxes.

Fifteen fire alarm boxes owned by the Louisiana Purchase Exposition Company that were connected to this system temporarily, in order to give proper fire protection to the World's Fair buildings while in progress of construction, were abandoned after the World's Fair Fire Department was installed complete.

Four (4) engine house joker or register sets have been installed in engine houses; three of these sets were purchased during the past year and are of the improved punching register style.

The telephone system connected with the Fire Department now comprises sixty-seven (67) stations and one switch board. Six (6) additional telephones have been installed and two (2) were abandoned during the year. This system has given excellent service and has been brought up to a high standard.

One hundred and twenty-one (121) gongs are now connected with this system, seven additional gongs having been placed in service during the year. This service has also been up to its usual excellent standard.

POLICE TELEPHONE SYSTEM.

This important branch of the service has been carefully and conscientiously looked after, and the service has never been better. Reconstruction, improvements and alterations have placed the system in first-class condition. Three additional telephones have been installed during the year and three important and necessary trunk lines were built, the volume of business transacted requiring this addition. Five hundred and forty-five telephones are connected with this system, of which four hundred and fifty-one are police patrol boxes.

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MUNICIPAL TELEPHONE SYSTEM.

This branch of the service is growing rapidly and has proved highly beneficial to the different City Departments that are connected with the system.

The number of telephones in service in this division is ninety-four (94), nine (9) new stations having been installed during the past year.

AMOUNT EXPENDED AS PER APPROPRIATION MADE FOR 1903 AND 1904.

For labor and material for reconstructing, repairing and maintaining lines and apparatus now in use, replacing worn-out apparatus, office expenses, printing, stationery, car fare, keeping and shoeing horses, replacing horses and vehicles useless for further service, repairing vehicles and harness, hire of horses and vehicles, rent of telephones and services transmitting time:

	Amount Appropriated.	Amount Expended.	Balance.
Salaries	$30,700 00	$30,111 42	$588 58
New lines	24,300 00	24,230 80	69 20
New boxes, etc.	4,000 00	3,977 53	22 47
Underground work	7,000 00	6,998 00	2 00
	4,000 00	3,912 81	87 19
Total	$70,000 00	$69,230 56	$769 44

Amount paid into City Treasury for old material, horses and vehicles sold, $211.79.

ESTIMATE FOR EXPENSES FOR THE FISCAL YEAR ENDING APRIL, 1905.

For labor and material for reconstructing, repairing and maintaining lines and apparatus now in use, replacing worn out apparatus, office expenses, printing, stationery, car fare, keeping and shoeing horses, replacing horses and vehicles useless for further service, repairing vehicles and harness, hire of horses and vehicles, rent of telephones, and services transmitting time	$23,937 00
Salaries	24,300 00
New signal boxes, tappers, gongs, etc	7,900 00
Labor and material for new lines and apparatus	6,950 00
Labor and material for underground work, reconstructing aerial circuits, fire alarm boxes and supports for same, removing poles, etc.	5,250 00
Total of appropriations required	$78,337 00

DETAILED STATEMENT OF EXPENSES.

Officers and employees' salaries	$24,230 80
Extra labor	23,244 18
Laterals	265 50
Carpenter work	1 75
Bed clothes and washing same	41 60
New chain droppers, gongs, etc	998 00
Drugs, chemicals, oils, paints, etc	16 28
Instrument shades	10 00
New signal boxes and tappers	7,250 00
Insulators, tape, cleats, etc	194 62
Repairing instruments	892 06
Hauling and distributing telegraph poles	162 50
Frames, furniture, carpets and instrument stands	274 90
Blacksmithing	14 50
Printing, stationery and postage	185 26
Hardware, tools, implements and lead pipe, etc	241 84
Stabling and horse shoeing	2,941 66
Vehicles, harness, and repairs for same	935 85
Horses, horse covers and doctor bills	404 50
Repairs of sidewalks	27 00
Telegraph apparatus	12 00
Telegraph poles, cross arms, pins and braces, etc	1,374 72
Street car tickets for repairers	195 00
Wire cables, iron wire, copper wire, etc	3,139 56
Battery material	755 06
Magneto bells, cords, plugs, etc	36 00
Rent for telephones	553 35
Incidentals	378 68
Hire of horses and wagons	160 00
Charcoal	25 49
Register paper	65 10
Locks and keys	172 80
Time service from Western Union Tel Co	30 00
Total	$69,230 56

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MATERIAL STATEMENT.

Amount of material used during the past fiscal year for fire alarm, police and municipal departments and general reconstruction.

Material.	Reconstruction.	Police Dept.	Fire Alarm Dept.	Municipal. Dept.	Total.
Cross arms	676	397	530	49	1652
Braces, iron	1362	789	1119	100	3370
Machine bolts	720	392	551	57	1720
Bolts, 4 inch	736	402	599	50	1787
Bolts, 2½ inch	1423	773	1073	100	3369
Brackets, pole	66	16	24	14	120
Battons	22	9	4	2	37
Back boards	52	2	39	.....	93
Break irons	95	16	64	10	185
Cable, feet	85	40	1670	210	2005
Cleats	2044	184	977	185	3390
Carbon hooks	8	.....	12	.....	20
Glass insulators	1942	2331	2131	640	7044
Porcelain knobs	69	4	19	22	114
Poles, 30 feet	.....	.....	5	.....	5
Poles, 35 feet	13	52	29	1	95
Poles, 40 feet	17	.....	8	.....	25
Poles, 45 feet	1	.....	.....	.....	1
Poles, guy	1	.....	2	.....	3
Locust pins	4730	3040	4214	398	12382
Iron pipe, 3½ feet	34	4	39	.....	77
Iron pipe, 6 feet	47	3	40	1	91
Pipe tops	50	5	38	.....	93
Pole steps	241	127	98	.....	466
Staples	166	51	128	15	360
Screws, 1½ inch No. 9	18	4	12	.....	34
Screws, 2 inch No. 9	28	4	22	.....	54
Screws, 1½ inch, No. 16	22	.....	20	.....	42
Screws, 2½ inch, No. 16	83	18	24	6	131
Screws, 3 inch, No. 16	85	7	38	10	140
Screws, 3½ inch, No. 16	142	14	127	4	287
Tape, rolls	430	81	121	37	669
Wire, miles strung	46	53	49	10	158
Wire, miles transferred	43	13	4	2	62
Wire, miles taken down	38	1	7	1	47
Guy wires, pound	405	161	20	.....	586
Copper wire, No. 14, pounds	355	72	163	19	609
Wire, twin, No. 18, feet	60	40	95	200	395
Solder, pounds	65	25	25	10	125
Connecting case cords	.....	55	25	25	105
Pedestals, patrol	2	.....	.....	.....	2
Pedestals, fire alarm	9	.....	1	.....	10
Nails	1599	179	993	155	2926
Pole guards	74	.....	.....	.....	74
Cable clamps	5	.....	.....	.....	5
Marlin, coils	5	.....	.....	.....	5
Balconies	.....	1	.....	.....	1
Cable boxes	.....	1	.....	.....	1
Battery, dry	724	9	49	18	800
Battery, Gonda (elements)	504	.....	.....	.....	504
Mercury zincs	175	.....	.....	.....	175
Sulphate of copper, barrels	6	.....	.....	.....	6
Muriate of Ammonia, casks	1¾	.....	.....	.....	1¾

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NEW FIRE ALARM BOX LOCATIONS.

Box No.	Location.
795	Hancock avenue and Frisco R. R. Tracks.
8146	Prescott and Clarence avenues.
466	Fillmore and Tenth streets.
1426	North end Agricultural Bldg., World's Fair Grounds (private box).
1425	South end Agricultural Bldg., World's Fair Grounds (private box).
1427	South side Liberal Arts Bldg., World's Fair Grounds (private box).
1431	Missouri Bldg., World's Fair Grounds (private box).
1423	Northwest cor. Fine Arts Bldg., World's Fair Grounds (priv. box).
1424	Northeast cor. Fine Arts Bldg., World's Fair Grounds (priv. box).
1432	Iowa Bldg., World's Fair Grounds (private box).
8162	Antelope street, east of Fordey street.
1271	Southeast corner of Fifteenth and Spruce streets.
484	Davis street and Virginia avenue.
4224	Robert and Alabama avenue.
693	California avenue and Hickory street.
7165	Chouteau and Vandeventer avenues.
779	Talmage avenue and Missouri Pacific R. R. Tracks.
7632	Tower Grove and Flad avenues.
173	Papin street, between Nineteenth and Twenty-first streets.
89	Singleton and Seventeenth streets.
4142	Neosho street and Louisiana avenue.
93	Papin and Thirteenth streets.
172	LaSalle and Thirteenth streets.
9137	Broadway and Victor street.
9147	Arsenal street and Iowa avenue.
9138	Russell avenue and Twelfth street.
149	Rutger and Seventh streets.
2118	Locust and Beaumont streets.
256	Easton and Webster avenues.
5318	Easton and Cora avenues.
5234	Easton and Euclid avenues.
5227	Clarendon avenue and Morgan street.
5228	Kingshighway and Westminster Place.
894	North Market and Tenth streets.
267	Carr and Twenty-second streets.
8415	Glasgow avenue and Dodier street.
5623	Labadie avenue and Sarah street.
5317	Easton and Warne avenues.
5324	Spring and Finney avenues.
791	Shaw and Edwards avenues.
1251	Broadway and Poplar street.
8117	Grand and Kossuth avenues.
5321	Cook avenue, between Sarah street and Vandeventer avenue.
4144	Hiawatha and Virginia avenues.
165	Havlin's Theater (private box).
1237	Century Theater (private box).
3153	The Odeon, Grand and Finney avenues (private box).
1266	Crawford Theater (private box).
157	Columbia Theater (private box).
479	Mount St. Rose Hospital (private box).
5325	St. Louis Club, Lindell Boulevard (private box).
5196	Belt and DeGiverville avenues.
5197	DeBaliviere and Kingsbury Boulevard.
5198	DeBaliviere and DeGiverville avenues.
5199	DeBaliviere and Lindell Boulevard.

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OLD FIRE ALARM BOXES REPLACED BY NEW BOXES.

Box No.	Location.
78	Morgan and Seventeenth streets.
212	Lucas avenue and Fourteenth street.
241	Clark avenue and Sixteenth street.
253	Morgan and Nineteenth streets.
34	Vine and First streets.
37	Chestnut and Third streets.
51	Olive and Eleventh streets.
115	Franklin avenue and Second street.
341	Mullanphy and First streets.
314	Jefferson avenue and Olive street.

FIRE ALARM BOX LOCATIONS ABANDONED.

Box No.	Location.
1413	West end Machinery Bldg., World's Fair Grounds (private box).
1421	Electricity Bldg., World's Fair Grounds (private box).
1422	Textile Bldg., World's Fair Grounds (private box).
1427	South side Liberal Arts Bldg., World's Fair Grounds (private box).
1415	Electricity and Machinery Bldg., World's Fair Grounds (priv. box).
1416	Transportation Bldg., World's Fair Grounds (private box).
1425	S. E. Cor. Agricultural Bldg., World's Fair Grounds (private box).
1426	N. E. Cor. Agricultural Bldg., World's Fair Grounds (private box).
1417	Varied Industries Bldg., World's Fair Grounds (private box).
1418	Staff Works, World's Fair Grounds (private box).
1431	Missouri Bldg., World's Fair Grounds (private box).
1432	Iowa Bldg., World's Fair Grounds (private box).
1412	Administration Bldg., World's Fair Grounds (private box).
1423	N. E. Cor. Fine Arts Bldg., World's Fair Grounds (private box).
1424	N. W. Cor. Fine Arts Bldg., World's Fair Grounds (private box).

NEW GONG LOCATIONS.

No. 1317 North Euclid avenue.
No. 4052 Cook avenue.
Northwest corner Twelfth and Olive streets (Star Bldg.).
No. 40 Engine House, Eleventh and Lucas avenue.
No. 41 Engine House, Eleventh and Lucas avenue.
No. 42 Engine House, World's Fair Grounds.
Chief's Office, World's Fair Grounds.

NEW JOKER STATIONS.

No. 40 Engine House, Eleventh and Lucas avenue.
No. 41 Engine House, Eleventh and Lucas avenue.
No. 42 Engine House, World's Fair Grounds.
Chief's Office, World's Fair Grounds.

NEW TELEPHONE STATIONS, FIRE ALARM DEPARTMENT.

A. Coughlin, Assistant Fire Chief, 1601 Hogan street.
Robert Quain, Chief Operator Fire Alarm Dept., 3450 Lawton avenue.
No. 40 Engine House, Eleventh and Lucas avenue.
No. 41 Engine House, Chief's Room, Eleventh and Lucas avenue.
No. 42 Engine House, World's Fair Grounds.
Fire Prevention Bureau, Century Bldg.

ABANDONED TELEPHONE STATIONS, FIRE ALARM DEPT.

Silas Benedict, residence, No. 2843 Russell avenue.
Fire Alarm Supply Room, Court House.

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NEW TELEPHONE STATIONS, MUNICIPAL DEPARTMENT.

Park Department, Green Houses, Forest Park.
Park Department, Stables, Forest Park.
Health Department, Engine Room, Insane Asylum.
Health Department, Residence Dr. J. H. Simon, 4062 Manchester av.
Health Department, Office Chief Dispensary Physician, Old City Hall.
Health Department, Office City Chemist, Old City Hall.
Water Department, Street Service, Minnesota and Osage street.
Building Commissioner, G. U. Heimburger, res., 3452 Lawton avenue.
Public Administrator, G. Strode, office, Lincoln Trust Bldg.

NEW TELEPHONE STATIONS, POLICE DEPARTMENT.

Second Police District, Captain's Office.
Richard Hanlon, residence, 4346 Cook avenue.
Lake and McPherson avenue, Patrol Box.

NEW TRUNK LINES BUILT.

From First Police District to Second Police District.
From Four Courts to Police Station in World's Fair Grounds.
From Mounted Police Dist. to Police Station in World's Fair Gr'nds.

UNDERGROUND WORK.

The following amount of cable and lateral pipe was installed:

CABLE.

1 pair	295 feet.
2 pairs, 2 conductors	80 feet.
2 pairs, 4 conductors	1120 feet.
4 pairs, 8 conductors	360 feet.
2 conductors	150 feet.
Total	2005 feet.

LATERAL PIPE.

2 inch	190 feet.
3 inch	45 feet.
Total	235 feet.

LOCATION OF POLES SET. NEW LINES.

	No. of Poles.	Length, Feet.
In front of No. 2433 Dickson street	1	35
West side of Florissant Ave. from Oriole to Goodfellow Ave.	26	35
South side of Antelope street, east of Broadway	5	35
South side of Antelope street, east of Broadway	2	40
East side of Clarendon ave., between Morgan and alley north of Morgan St	2	35
Southeast corner of Labadie and Sarah streets	1	35
East Side Glasgow Ave., bet. University and Dodier street	4	35
West side of Talmage ave., north of Mo. Pacific R. R. tracks	1	40
West side Spring Ave., bet. Cook and alley south of Cook Ave.	2	35
East side Spring Ave., bet. Cook and alley north of Cook Ave.	1	30
East side DeBallviere, 1st and 2nd poles north of Kingsbury Place	2	40
North side of Clayton Ave., 16th pole east of Billon Ave.	1	35
West side of Sub-Police Station in Forest Park	2	35
In Forest Park from Clayton Ave. to Forest Park Green Houses	2	30
North side of Pestalozzi street, bet Jefferson and Missouri Ave.	2	40
South side of Fillmore street, from 7th to 10th streets	8	35
South side of Fillmore street, from 7th to 10th streets	2	40
North side of Clayton Ave., bet. Billon Ave. and Graham street	9	35
North side of Clayton Ave., bet. Louisville Ave. and Skinker Road	17	35
S. S. Forest Park, west of intersection of Clayton Road and Chouteav Ave. R. R.	4	30
S. S. Forest Park, west of intersection of Clayton Road and Chouteau Ave. R. R.	1	35
North side of Shaw Ave., bet. Edwards and Macklind Ave.	2	35
East side of Macklind Ave., bet. Shaw and Pattison Ave.	1	35
East side of Macklind Ave., bet. Shaw and Pattison Ave.	3	40
Northeast corner of Osage and Nebraska Aves.	1	45
Northeast corner of Seventh and Fillmore street	1 Guy stub	
South side of Fillmore street, west of Tenth street	1 Guy stub	
Northeast corner Berthold and Macklind Ave.	1 Guy stub	

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LOCATION OF POLES SET. RECONSTRUCTION.

	No of Poles.	Length Feet.
Mounted Police Stables	7	40
East side Macklind Ave, north of Manchester Road	1	35
Christian Brothers' College grounds	6	35
South side of Laclede Ave., bet. Garrison and Cardinal Aves	1	40
Alley west of Hereford St., bet. Arsenal St. and Blackmer & Post Pipe Co.	1	40
Alley west of Hereford St., bet. Arsenal St. and Blackmer & Post Pipe Co.	4	35
North side of Loughborough Ave. and Oak Hill R. R. tracks	1	40
Northwest cor. Michigan Ave. and Bowen street	1	40
South side of Arsenal street, bet. Kingshighway and Hereford st..	1	40
West side of Kingshighway at head of Papin street	1	40

LOCATION OF POLES. ABANDONED.

	No of Poles.	Length Feet.
Levee and Carrol street	1	40
North side of Thomas street west of Channing avenue	2	35
In Forest Park, north side of Sub-Police Station	3	35
Northeast corner of Lindell Boul. and Sarah street	1	40
North side of Dickson street, between Second and Broadway	6	40
South side Arsenal St., 1st, 2nd and 3rd poles west of Kingshighway	3	40

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FIRST DISTRICT POLICE COURT, CLERK'S OFFICE,
St. Louis, Mo., July 26th, 1904.

Hon. Rolla Wells, Mayor of the City of St. Louis:

Sir—In compliance with the requirements of the Ordinance regulating Police Courts. I beg leave to submit to your Honor a report of the business of the First District Police Court for the year ending March 31st, 1904:

GENERAL VIEW.

MONTHS.	No. of Cases tried and carried over.	No. of State Cases and Dismissals.	No. of Cases in which Fines were imposed.	No. of Cases in which Fines were paid.	No. of Execu. sent to the Workhouse	No. of Executions "otherwise" returned	Amt. of Fines imposed & amt. of Executions & Fee Bills deliv'd to the City Marshal for collec'n.				Amount of Executions and Fee Bills returned "satisfied" by the City Marshal.				Amount of Executions sent to the Workhouse.				Amount of Executions otherwise returned by the City Marshal.			
							Fines Imposed.	Costs to be Collected.	Witness and Jury Fees to be collected.	Total to be Collected.	Fines Paid.	Costs Paid.	Witness and Jury Fees Paid.	Total Amount Collected.	Fines.	Costs.	Witness and Jury Fees.	Total.	Fines.	Costs.	Witness and Jury Fees.	Total.
April, 1903	1017	528	489	228	171	90	$10225 00	$1467 00	$ 7 50	$11699 50	$1464 00	$ 684 00	$ 6 00	$ 2154 00	$ 4386 00	$ 513 00	.....	$ 4899 00	$ 4375 00	$ 270 00	$ 1 50	$ 4646 50
May	1016	563	453	242	137	74	8580 00	1359 00	19 25	9958 25	1756 00	726 00	7 25	2489 25	3286 00	411 00	3 00	3700 00	3538 00	222 00	9 00	3769 00
June	1206	596	610	365	132	113	9611 00	1830 00	9 00	11450 00	2463 00	1095 00	8 50	3566 50	3555 00	396 00	.....	3951 00	3593 00	339 00	50	3932 50
July	1275	650	625	326	190	109	10701 00	1875 00	14 50	12590 50	2521 00	978 00	3 00	3502 00	3845 00	570 00	.....	4415 00	4335 00	327 00	11 50	4673 50
August	1277	618	659	334	146	179	14721 00	1977 00	30 00	16728 00	2843 00	1002 00	6 00	3851 00	3800 00	438 00	4 50	4242 50	8078 00	537 00	19 50	8634 50
September	1211	614	597	364	145	88	10753 00	1791 00	7 50	12551 50	3218 00	1092 00	3 00	4313 00	4368 00	435 00	1 50	4804 50	3167 00	264 00	3 00	3434 00
October	1139	536	603	348	140	115	10599 00	1809 00	18 00	12426 00	2749 00	1044 00	4 50	3797 50	3066 00	420 00	1 50	3487 50	4784 00	345 00	12 00	5141 00
November	1076	559	517	249	158	110	11500 00	1551 00	3 00	13054 00	1947 00	747 00	1 50	2695 50	4273 00	474 00	.....	4747 00	5280 00	330 00	1 50	5611 50
December	948	578	370	177	123	70	10608 00	1110 00	7 50	11725 50	1230 00	531 00	4 50	1765 50	5998 00	369 00	.....	6367 00	3380 00	210 00	3 00	3593 00
January, 1904	839	514	325	163	100	62	8003 00	975 00	4 50	8982 50	1172 00	489 00	1 50	1662 50	3820 00	300 00	.....	4120 00	3011 00	186 00	3 00	3200 00
February	839	460	379	169	121	89	9308 50	1137 00	20 50	10466 00	1268 50	507 00	5 50	1781 00	4800 00	363 00	.....	5163 00	3240 00	267 00	15 00	3522 00
March	1167	570	597	308	162	127	11037 00	1791 00	16 50	12844 50	2524 00	924 00	9 00	3457 00	3768 00	486 00	.....	4254 00	4745 00	381 00	7 50	5133 50
Total	13010	6786	6224	3273	1725	1226	125646 50	$18672 00	$157 75	$144476 25	25155 50	$9819 00	$ 60 25	$35034 75	$48965 00	$5175 00	$10 50	$54150 50	$51526 00	$3678 00	$ 87 00	$55291 00

RECAPITULATION.

Total number of cases tried and carried over	13.010	1226	Items of executions "otherwise" returned:	
Total number of State cases and dismissals	6.786	12	Cases stayed by the Mayor	$ 451 00
Total number of fines imposed	6.224	512	Cases returned "Nulla Bona"	23.373 50
	13.010	555	Cases appealed	25.125 00
Total number of fines paid	3.273	61	Cases carried from month to month, all returned	1.916 00
Total number of Workhouse executions	1.725	80	Cases execution stayed by Police Justice	2.344 50
Total number of executions "otherwise" returned	1.226	4	Cases sent to House of Refuge	412 00
	6.224	1	Case in which Mayor remits part of fine	3 00
		140	Cases in which Police Justice remits part of fine	1.550 00
Total amount of fee bills and executions delivered to the City Marshal for collection	$144.476 25	2	Cases turned over to Sheriff	116 00
Amount of fee bills and executions returned "satisfied"	35.034 75	1226		$55.291 00
Amount of executions sent to the Workhouse	54.150 50			
Amount of executions otherwise returned	55.291 00			
	$144.476 25			

All of which is respectfully submitted.

O. J. MACAULEY,

Clerk of the First District Police Court.

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SECOND DISTRICT POLICE COURT, CLERK'S OFFICE,
St. Louis, Mo., September 16th, 1904.

Hon. Rolla Wells, Mayor of the City of St. Louis:

Sir—In compliance with the requirements of the Ordinance regulating Police Courts, I beg leave to submit to your Honor a report of the business of the Second District Police Court for the year ending March 31st, 1904:

GENERAL VIEW.

MONTHS.	No. of Cases tried and carried over.	No. of State Cases and Dismissals.	No. of Cases in which Fines were Imposed.	No. of Cases in which Fines were paid.	No. of Execu. sent to the Workhouse	No. of Executions "otherwise" returned	Amt. of Fines imposed & amt. of Executions & Fee Bills deliv'd to the City Marshal for collec'n.				Amount of Executions and Fee Bills returned "satisfied" by the City Marshal.				Amount of Executions sent to the Workhouse.				Amount of Executions otherwise returned by the City Marshal.			
							Fines Imposed.	Costs to be Collected.	Witness and Jury Fees to be collected.	Total to be Collected.	Fines Paid.	Costs Paid.	Witness and Jury Fees Paid.	Total Amount Collected.	Fines.	Costs.	Witness and Jury Fees.	Total.	Fines.	Costs.	Witness and Jury Fees.	Total.
April, 1903	406	212	194	101	52	41	$5414 00	$ 582 00	$ 13 50	$6099 50	$ 498 00	$ 303 00	$ 13 50	$ 814 50	$ 2316 00	$ 156 00	.....	$ 2472 00	$ 2600 00	$ 123 00	.....	$ 2723 00
May	574	335	239	150	64	25	2263 00	717 00	18 50	2998 50	767 00	450 00	18 50	1235 50	1131 00	192 00	.....	1323 00	365 00	75 00	.....	440 00
June	914	697	367	219	58	30	2521 00	921 00	6 50	3448 50	605 00	657 00	6 50	1268 50	1196 00	174 00	.....	1370 00	720 00	90 00	.....	810 00
July	792	425	367	213	96	58	4304 00	1101 00	27 50	5432 50	1112 00	639 00	18 50	1769 50	1034 00	288 00	3 00	1325 00	2158 00	174 00	6 00	2338 00
August	857	443	414	218	115	81	4940 00	1242 00	15 00	6197 00	875 00	654 00	6 00	1535 00	2485 00	345 00	.....	2830 00	1580 00	243 00	9 00	1832 00
September	818	530	318	196	79	43	2534 00	954 00	7 50	3495 50	664 00	588 00	3 00	1255 00	984 00	237 00	.....	1221 00	886 00	129 00	4 50	1019 50
October	615	334	281	173	84	24	2525 00	843 00	7 50	3375 50	810 00	519 00	3 00	1362 00	1180 00	252 00	.....	1432 00	505 00	72 00	4 50	581 50
November	618	368	250	145	74	31	2130 00	750 00	3 00	2883 00	719 00	435 00	3 00	1157 00	793 00	222 00	.....	1015 00	618 00	93 00	.....	711 00
December	495	276	219	119	80	20	2658 00	657 00	1 50	3316 50	542 00	357 00	1 50	900 50	1431 00	240 00	.....	1671 00	685 00	60 00	.....	745 00
January, 1904	483	338	145	75	49	21	3001 00	435 00	4 50	3440 50	509 00	225 00	4 50	738 50	1047 00	147 00	.....	1194 00	1445 00	63 00	.....	1508 00
February	503	309	194	110	70	14	2469 00	582 00	3 00	3054 00	623 00	330 00	.....	953 00	1176 00	210 00	.....	1386 00	670 00	42 00	3 00	715 00
March	519	270	249	142	85	22	2770 00	747 00	13 50	3530 50	660 00	426 00	12 00	1098 00	1264 00	255 00	.....	1519 00	846 00	66 00	1 50	913 50
Total	7624	4447	3177	1861	906	410	$37529 00	$9531 00	$121 50	$47181 50	$8114 00	$5583 00	$90 00	$14087 00	$16037 00	$2718 00	$3 00	$18758 00	$13078 00	$1230 00	$ 28 50	$14336 50

RECAPITULATION.

Total number of cases tried and carried over	.....	410	Items of Executions "otherwise" returned		$ 14.336 50
Total number of State cases and dismissals	.....	8	Cases stayed by the Mayor		414 00
Total number of fines imposed	3.177	95	Cases returned "Nulla Bona"		2.500 50
Total number of fines paid	1.861	223	Cases appealed		9.548 00
Total number of Workhouse executions	906	82	Cases carried over from month to month		1.783 00
Total number of executions "otherwise" returned	410	1	Case execution stayed by Police Justice		13 00
	3.177	....	Cases sent to House of Refuge		.....
		2	Cases in which Mayor remits part of fine		75 00
		1	Case returned as paid the previous month		3 00
Total amount of fee bills and executions delivered to the City Marshal for collection	$ 47.181 50	410			$14.336 50
Amount of fee bills and executions returned "satisfied"	14.087 00				
Amount of executions sent to the Workhouse	18.758 00				
Amount of executions otherwise returned	14.336 50				
	$47.181 50				

All of which is respectfully submitted,

WM. N. CARTER,

Clerk of the Second District Police Court.

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POLICE COURT, DISTRICT SOUTH OF ARSENAL STREET, CLERK'S OFFICE.
St. Louis, Mo., April 15th, 1904.

Hon Rolla Wells, Mayor of the City of St. Louis:

Sir—In compliance with the requirements of the Ordinance regulating Police Courts, I beg leave to submit to your Honor a report of the business of the Police Court District South of Arsenal street, for the year ending March 31st, 1904:

GENERAL VIEW.

MONTHS.	No. of Cases tried and carried over.	No. of State Cases and Dismissals.	No. of Cases in which Fines were imposed.	No. of Cases in which Fines were paid.	No. of Execu. sent to the Workhouse	No. of Executions "otherwise" returned	Amt. of Fines imposed & amt. of Executions & Fee Bills deliv'd to the City Marshal for collec'n. Fines Imposed.	Costs to be Collected.	Witness and Jury Fees to be collected.	Total to be Collected.	Amount of Executions and Fee Bills returned "satisfied" by the City Marshal. Fines Paid.	Costs Paid.	Witness and Jury Fees Paid.	Total Amount Collected.	Amount of Executions sent to the Workhouse. Fines.	Costs.	Witness and Jury Fees.	Total.	Amount of Executions otherwise returned by the City Marshal. Fines.	Costs.	Witness and Jury Fees.	Total.
April, 1903	229	192	37	30	3	4	$ 410 00	$ 111 00	$24 50	$ 545 50	$ 255 00	$ 93 00	$ 17 00	$ 365 00	$ 30 00	$ 6 00	.....	$ 36 00	$ 125 00	$ 12 00	$ 7 50	$ 144 50
May	184	149	35	23	8	4	300 00	105 00	9 00	414 00	85 00	69 00	3 00	157 00	185 00	24 00	$3 00	212 00	30 00	12 00	3 00	45 00
June	122	76	46	41	5	....	275 00	147 00	6 00	428 00	135 00	123 00	6 00	264 00	125 00	15 00	.....	140 00	15 00	9 00	.....	24 00
July	94	59	44	38	6	....	345 00	132 00	.....	477 00	230 00	114 00	.....	344 00	115 00	18 00	.....	133 00	.....	.....	.....	.....
August	69	34	35	31	3	1	245 00	106 50	6 00	357 50	100 00	93 00	3 00	196 00	45 00	9 00	.....	54 00	100 00	4 50	3 00	107 50
September	158	86	72	55	7	10	1095 00	229 50	5 00	1329 50	265 00	169 50	2 00	436 50	185 00	21 00	.....	206 00	645 00	39 00	3 00	687 00
October	98	46	58	34	5	19	955 00	220 50	1 00	1176 50	110 00	114 00	1 00	225 00	160 00	15 00	.....	175 00	685 00	91 50	.....	776 50
November	43	16	27	17	1	9	348 00	96 00	50	444 50	23 00	52 50	50	76 00	100 00	3 00	.....	103 00	225 00	40 50	.....	265 50
[illegible]	42	23	19	10	3	6	390 00	66 00	.....	456 00	110 00	31 50	.....	141 50	30 00	9 00	.....	39 00	250 00	25 50	.....	275 50
January, 1904	97	41	55	15	4	36	1015 00	219 00	15 00	1249 00	50 00	49 50	.....	99 50	40 00	12 00	.....	52 00	925 00	157 50	15 00	1097 50
February	44	20	24	18	4	2	280 00	76 50	.....	356 50	135 00	55 50	.....	190 50	95 00	12 00	.....	107 00	50 00	9 00	.....	59 00
March	65	29	45	26	2	17	665 00	163 50	1 00	829 50	85 00	84 00	1 00	170 00	30 00	6 00	.....	36 00	550 00	73 50	.....	623 50
Total	1244	747	497	338	51	108	$6323 00	$1672 50	$68 00	$8063 50	$1583 00	$1048 50	$ 33 50	$2665 00	$ 1140 00	$ 150 00	$3 00	$ 1293 00	$ 3600 00	$ 474 00	$ 31 50	$ 4105 50

RECAPITULATION.

Total number of cases tried and carried over	1.244	Items of executions "otherwise" returned	$4.105 50
Total number of State cases and dismissals	747		
Total number of fines imposed	497	1 Case stayed by the Mayor	13 00
	1.244	12 Cases returned "Nulla Bona"	239 50
Total number of fines paid	338	94 Cases Appealed	3.735 00
Total number of Workhouse executions	51	6 Cases carried over	118 00
Total number of executions "otherwise" returned	108	.... Cases execution stayed by Police Justice	.....
	497	.... Cases sent to House of Refuge	.....
		.... Cases in which Mayor remits part of fine	.....
			$4.105 50
Total amount of fee bills and executions delivered to the City Marshal for collection	$ 8,063 50		
Amount of fee bills and executions returned "satisfied"	2.665 00		
Amount of executions sentto the Workhouse	1.293 00		
Amount of executions otherwise returned	4.105 00		
	$ 8,063 00		

All of which is respectfully submitted.

CHARLES J. COURTNEY,

Clerk of the Police Court, South of Arsenal Street.

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ANNUAL REPORT

—OF THE—

St. Louis Public (Free) Library

ST. LOUIS, MO., February 20, 1905.

Hon. Rolla Wells,

Mayor of the City of St. Louis, City.

Dear Sir:

Enclosed herewith find report of Frederick M. Crunden, Librarian, showing the operations of the St. Louis Public (Free) Library for the year ending April 30th, 1904.

Very respectfully yours,

F. W. LEHMANN,

President of Board of Directors.

REPORT OF THE LIBRARIAN.

To the Honorable Board of Directors of the St. Louis Public (Free) Library:

I have the honor to submit herewith my eleventh annual report, covering the tenth year of the operation and setting forth the growth and activities of the Public Library for the year ending April 30, 1904. The financial status of the institution and the transactions of the year are shown in detail in the subjoined statement of receipts and expenditures. In a summary of this table the more important facts are as follows:

The total amount received from the city tax of two-fifths of a mill was $173,064.63, an increase of $6,510.13 over the previous year.

The desk receipts (for fines, issue of extra books, etc.) amounted to $6,329.46, a trifling gain over the previous year, which, however, showed an increase of $450 over the year before.

The rental from the Olive and Locust street property was $15,417.83, an increase of $3,131.12 over the preceding year.

Of the sum subscribed for the purchase of the Exposition property, the contributors paid in last year $58,250. The rent of the premises was $28,000. Against this there was, as shown in the table, a considerable charge for taxes, salaries, insurance, repairs, etc., amounting to over $7,000.

The expenditure for books was $11,774.75—$4,412.53 less than that of the previous year; for binding, $4,196.05, also less than the previous year

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by $1,632.59. The bills for periodicals amounted to $1,269.82, not quite a hundred dollars in excess of the previous year.

In March our lease on the present quarters was renewed for two years. The increase in the rent from $7,500 to $10,000 a year applied to the last two months of this year, raising the total to $7,916.68.

The expense of transportation was increased $209, chiefly by the employment of a fourth wagon (for work in the schools) during the last few months of the year.

The chief items in the furniture and repairs account were $607 for card cabinets, desks and trucks, and $170 for lumber for shelving.

The financial transaction of greatest magnitude was the payment of principal and interest notes on Block 510, amounting to $182,247.19. In addition to this, $19,131.36 was paid on the Exposition property, freeing that from all debt.

Finally, of the total outlay of $280,908.54, the sum of $68,219.70 was expended for the conduct and maintenance of the Library (including the cost of books, periodicals and binding); and $212,688.84 was invested in real estate or expended on its care,—insurance, repairs, taxes, salaries, etc. The total expenditure for maintenance the preceding year was $69,-261.92, the largest sum thus far expended. If, however, the usual number of books had been bought this year, the total expenditure would, as was to be expected, have exceeded that of the year previous. As will be explained later, the purchase of booksmust be more or less curtailed until more room is obtained.

RECEIPTS AND EXPENDITURES.

FOR THE YEAR ENDING APRIL 13, 1904.

DR.

To balance in City Treasury, April 13, 1903		$ 18.909 09	
Collections, April 14, 1903—April 11, 1904		173.064 63	$191.973 72
Balance in Bank Fund, April, 1903			8.549 66
Balance in Contingent Fund			93 02
Collections of duplicates, books and magazines issued		$ 1.925 45	
Fines		3.493 89	
Books sold, lost and paid for		293 85	
Catalogues		148 15	
Lost cards		260 80	
Postals		21 76	
Miscellaneous		185 56	6.329 46
Rent collections			15.417 83
Interest			239 97
Exposition Site,			
Rent	$ 28.000 00		
Subscriptions	58.250 00		
Salvage and insurance rebate	65 30		86.315 30
			$308.918 96

CR.

By Salaries			$ 32.898 86
Books, main collection		$ 11.018 44	
Collection of duplicates		756 31	
Binding		4.196 06	
Periodicals, main collection		992 55	
Coll. of Duplicates		277 27	17.240 62
Rent		$ 7.916 68	
Insurance		910 00	
Furniture and repairs		1.346 03	10.172 71
Expense,			
Printing and Stationery		$ 2.838 03	
Transportation, Del. Sta.	$ 3.076 03		
Schools	195 00	3.271 03	
Postage		378 03	
Sundries		1.255 02	
Supplies		155 90	
Advertising		10 00	7.908 01

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Real Estate, City Block 510; 17th, 18th, Olive and Locust Streets.		
Principal and interest notes	$182,247 19	
Insurance	613 84	
Repairs and commissions	3,196 68	
Taxes, sprinkling	82 87	186.140 58
Exposition Site.		
Note and interest	$ 19,131 36	
Taxes, Power House	1,899 29	
Sprinkling	92 88	
Salaries	1,500 00	
Expense	354 31	
Repairs	418 86	
Insurance	2,959 00	26,356 20
Wm. Barr Lot.		
Transfer	$ 5 00	
Sprinkling taxes	187 06	192 06
Total expenditures		$280,908 54
Balance in City Treasury, April 11, 1904		10,388 54
Balance in Bank Fund		17,477 95
Balance in Contingent Fund		143 93
		$308,918 96

RECEIPTS AND EXPENDITURES, MARCH, 1894, TO APRIL, 1904.

RECEIPTS.

	Exposition Site.	City Collections.	Desk Receipts.	Rent.	Insurance.	Miscellaneous.	Total.
1894		$ 49,773 52	$ 113 66				$ 49,887 18
1895		59,035 80	2,593 26			$ 3 41	61,632 47
1896		61,929 51	3,649 98	$ 482 79		87 96	66,150 24
1897		64,663 32	3,741 31	1,879 56		187 72	70,471 91
1898		67,638 45	3,839 86	1,480 00		424 81	73,383 12
1899		71,340 13	3,901 72	12,328 55	39,742 72*	476 24	127,789 36
1900		73,781 47	4,392 48	12,945 50		51 98	91,171 43
1901		75,727 18	5,095 81	13,501 46		398 23	94,722 68
1902		149,321 24	5,852 79	11,649 13		204 75	167,027 91
1903	$ 76,443 69	166,554 50	6,302 87	12,286 71		626 79	262,214 56
1904	86,315 30	173,064 63	6,324 46	15,417 83		244 97	281,367 19
Total	$162,758 99	$1,012,829 75	$45,808 20	$81,971 53	$39,742 72*	$ 2,706 86	$1,345,818 05

EXPENDITURES.

	Exposition Site.	Maintenance.	Real Estate.	Total
1894		$ 2,876 19		$ 2,876 19
1895		43,305 69		43,305 69
1896		52,318 45	40,900 00	93,218 45
1897		48,738 69	24,872 58	73,611 27
1898		58,061 90	29,972 00	88,023 90
1899		55,811 21	88,347 95	144,159 16
1900		45,789 48	36,973 36	82,762 84
1901		53,687 33	35,366 34	89,053 67
1902		67,623 32	36,801 44	104,424 76
1903	$217,405 33	69,261 92	28,795 91	315,463 16
1904	26,273 08	68,224 70	186,410 76	280,908 54
Total	$243,678 41	$565,688 88	$508,440 34	$1,317,807 63

Balance in City Treasury, April 11, 1904	$ 10,388 54
Balance in Bank Fund	17,477 95
Balance in Contingent Fund, April, 1904	143 93
	$1,345,818 05

*For houses on City Block 510, burned immediately after the purchase of the property.

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SUMMARY OF STATISTICS.

Before taking up the various departments in detail, a brief summary is here given of the leading statistics contained in the report:

The collection was increased by the addition of 15,414 volumes, duly catalogued and placed on the shelves ready for use. Of these, 2,327 were gifts. The total included 332 volumes in German, 98 in French, 356 in Russian and 121 in various other languages.

The donations for the year numbered 3,144 volumes, 7,289 pamphlets, from 1,019 different sources. A complete list of donors is presented in an appendix.

The registered readers numbered at the close of the year 59,476. Particulars will be found under the department.

The total number of books and periodicals issued during the year was 1,294,498, a gain of 56,867 over the previous year. The number of books drawn for home and school reading was 939,623. Books used in the Library numbered 111,662 and periodicals 243,213. Full details appear later in tabular form.

REGISTRATION.

The registration for the year numbered 19,977 names. Of these 13,476 were registered for the first time and 6,501 were renewals, in accordance with the rule which requires a re-registration at the end of every three years. In addition to the regular reader's card, 1,742 "extra" (non-fiction) cards were issued and 294 "teachers'" cards; 13,435 cards that had been filled were replaced by new ones; and 1,491 were lost and new ones paid for. Guaranties to the number of 86 were withdrawn or cancelled; and 3,621 addresses were changed. All this involved an amount of clerical work that cannot be indicated by a mere statement of the figures. The name of every applicant for a card and of every guarantor must be looked up in the directory and every card holder assigned to his ward; and all the records must be kept with the greatest accuracy, in order to avoid annoyance and loss of time to the Library and to the public. Detailed statistics of the registration follow:

REGISTRATION.

Total cards in force April 30, 1903	58,961	
Registered May 1, 1903—April 30, 1904	13,476	72,437
Cards expiring to April 30, 1904	19,462	
Less re-registered	6,501	12,961
		59,476
Total cards in force April 30, 1904:		
Men	15,347	
Women	16,748	
Children	27,319	
Institutions	62	59,476

REGISTRATION BY WARDS FOR THE YEAR ENDING APRIL 30, 1904.

Ward.		Ward.		Ward.	
1	523	12	880	23	532
2	441	13	728	24	1,235
3	553	14	284	25	1,098
4	446	15	389	26	1,087
5	240	16	374	27	1,009
6	480	17	559	28	1,736
7	403	18	675	Suburban	429
8	414	19	787		
9	587	20	693	Total	19,977
10	930	21	761		
11	545	22	1,162		

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TOTAL REGISTRATION BY WARDS.

Ward.		Ward.		Ward.	
1	1,513	12	1,504	23	1,112
2	1,900	13	2,457	24	3,175
3	2,363	14	1,009	25	3,503
4	1,230	15	1,342	26	3,488
5	743	16	1,818	27	2,583
6	1,837	17	2,480	28	4,362
7	1,340	18	1,673	Suburban	596
8	1,707	19	1,972		
9	2,415	20	1,493	Total	59,476
10	3,176	21	2,064		
11	1,388	22	3,233		

The above figures bear striking evidence of the growth of the city towards the west. The three wards that have the largest registration lie entirely west of Grand avenue, the city limit of twenty-eight years ago. The 28th ward leads all others, with a registration of 4,362. This ward begins at 43d street (Boyle avenue) and extends west to the city limits, bounded on the north by Page Boulevard and on the south by Oakland avenue. This is a large area; but to an old resident it is rather astonishing that the ward that furnishes the largest number of readers by a considerable excess over any other, *begins* at 43d street, three miles or more from the Library and a mile beyond the former western limit of the city.

The ward that ranks next, but with nearly a thousand names less (3,503) is the 25th, which lies directly east of the 28th; but it does not extend as far east as Grand avenue, with Cook avenue and the Pacific R. R. tracks for northern and southern limits.

Next comes the 26th ward with practically the same number, 3,488. Its limits are Cook avenue on the south and St. Louis avenue on the north; and nearly all of it lies west of Vandeventer avenue.

The 22d ward follows, with a registration of 3,233. This ward extends from 22d street on the east to Grand avenue on the west, and from Easton to Laclede.

Then comes the 10th ward, with 3,176, and the 24th, with 3,175. The 10th extends along the river front from Potomac street on the north to Osceola on the south, and along Grand from Osceola to Arsenal, with a small corner as far north as Magnolia and Sidney. The 24th covers the huge area from Grand avenue to the western limit of the city and from Eichelberger street on the south to Oakland avenue on the north. It contains Tower Grove Park and Shaw's Garden. We have become accustomed to think of it as a region of market gardens; but it evidently has a considerable population, to rank in readers sixth among the wards of the city. These six wards are all that have a registration above 3,000.

The facts revealed by these statistics have a certain interest in themselves; but their chief interest lies in their significance. They show that the Library is most used by the residents of the central and west-central district of the city, extending from 22d street west and spreading fan-like as it goes. In this region live a great majority of the commercial and professional classes who come to the central down-town district for their daily vocations and for their shopping. This part of the city has on every occasion furnished the largest favorable vote on library propositions. They have, however, always been strongly reinforced by the down-town wards. At the last election, on the question of the acceptance of the terms of Mr. Carnegie's gift, the largest majority for acceptance was given by the 4th ward, that in which the Library is situated. The obvious reason for the smaller registration in this ward is the smaller number of residents it contains and the larger proportion of the "floating population;" but while the residents of this district are not so likely to become a card-holder and home readers, they constitute a large proportion of the thousands who use the reading rooms. The ward statistics show, as was to be expected, that the central library is most used by that portion of the community to which, from proximity and habits of life, it is most accessible. The vote shows, as was also to be expected, that those who are best ac-

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quainted with the Library and have received most benefit from it are most willing to vote appropriations for its maintenance and enlargement. And the lesson of it all is that branches are needed to carry the influence of the Library into parts of the city, whose residents transact all the affairs of life in the immediate neighborhood and who do not have sufficient desire for reading to induce them to go to any trouble to get books. Books and reading rooms must be carried to them, as are groceries and clothes and all the other necessities of life. Our delivery stations have done and are doing much; but branches are necessary to realize the possibilities of a public library system. It should be, and in the near future will be, not the St. Louis Public Library, but the St. Louis Public *Libraries*, just as it is the St. Louis Public *Schools*.

CATALOGUE AND ORDER DEPARTMENT.

A smaller number of books was added to the collection this year than in any of the three years preceding. There were several contributing causes, the principal being lack of shelf room. While the Library is in its present crowded quarters, purchases must be confined chiefly to two classes: books of merit in every-day demand, and books of permanent value that may be obtained at a bargain.

The additions for the year amounted to 15,414, of which 356 were in the Russian language, 332 German, 98 French and 121 in other foreign languages. The number added by purchase was 12,270,—2,344 less than the last year. The number added by donation was 2,327, or 1,144 more than last year.

The German Fiction Catalogue appeared in the early part of the year, the work of preparation having been largely done before the close of last year.

The Monthly Bulletin was issued on time throughout the year, a change of type in March giving it a much handsomer appearance.

23,117 new cards were written and inserted in the various catalogues. Of this number 1,108 were printed cards obtained from the Library of Congress, the Library Bureau, Publishers' Weekly and English History cards. In December the Library increased its subscription from three to four copies of each card of a selected list of Library of Congress cards. Such cards in the classed catalogue as have been soiled through use and soot have been copied in classes 1-40 inclusive.

In addition to the 23,117 cards mentioned above, 20,997 shelf-list cards have been written and inserted. These included the shelf-list cards in classes 30-68sp, which were copied on the small standard size card for the purpose of economizing space.

The work of this department has been carried on effectively in spite of difficulties caused by the crowded condition of the catalogue room and the enforced separation of the staff into two sections more than a hundred feet apart.

GERMAN COLLECTION.

Owing to the fact that books in the German language are scattered through the various classes according to the subjects of which they treat, only a rough estimate has heretofore been made of the total number of German books in the Library. An actual count made this year shows that we have about 12,500 volumes, distributed by class and room as follows:—

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Classes.	Circulating Books.	Reference Books.	Totals.
Philosophy	176	6	182
Religion	138	16	154
Social Science	402	309	711
Natural Science	820	1,026	1,846
Art and Poetry	745	169	914
Fiction	4,720	....	4,720
Juvenile	440	3	443
Literary Miscellany	878	238	1,116
Geography, History and Biography	1,041	108	1,149
Cyclopaedias and Magazines	35	1,063	1,098
Total	9,395	2,938	12,333
Additions, February—April	.....	.....	100
Total, April 30	.....	.....	12,433

The additions for the year, divided by class, language and source, are given in the following table:—

ADDITIONS FOR THE YEAR ENDING APRIL 30, 1904.

Classes.	Reg. Library.	Coll. of Duplicates.	Totals.
Philosophy	94	....	94
Religion	689	....	689
Social Science	1,596	....	1,596
Natural Science	1,188	....	1,188
Art and Poetry	1,013	2	1,015
Fiction	1,646	724	2,370
Juvenile Literature	5,724	6	5,730
Literary Miscellany	614	6	620
Travels and History	812	....	812
Cyclopaedias and Periodicals	1,300	....	1,300
	14,676	738	15,414
Source.			
Purchase	11,532	738	12,270
Gift	2,327	....	2,327
Pamphlets, bound	116	....	116
Periodicals, bound	701	....	701
	14,676	738	15,414
Language.			
English	13,769	738	14,507
French	98	....	98
German	332	....	332
Russian	356	....	356
Other	121	....	121
	14,676	738	15,414

Periodicals to complete sets, 1,630.

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BOOKS WORN OUT, LOST AND PAID FOR, ETC.

Withdrawn		5,099
Lost and paid for		236
Burned on account of contagious disease		1
Sold		2
Charged to borrowers and not returned:		
For reading-room use	12	
For home use	80	92
Total		5,430
Total additions	15,414	
Less above	5,494	
Net increase	9,920	

Of the 5,099 volumes worn out and withdrawn from circulation, 2,356 were replaced by new copies, as were also 78 volumes out of 236 lost and paid for.

CONTENTS OF THE LIBRARY.

In my last annual report I gave a detailed statement of the inventory taken in the spring of 1903, showing how many volumes were in each class and room and the total of the collection. Taking this as a basis, and adding the net increase of the year, we obtain the total contents at the end of this year.

Total contents of the Library, April 30, 1903	165,658
Net increase, May 1, 1903—April 30, 1904	9,920
Total contents, April 30, 1904	175,578

Among the noteworthy additions of the year, a list of which is appended, attention is called to the dictionaries bought in answer to the increased demand caused by the Louisiana Purchase Exposition. A scrutiny of these lists from year to year will show that books on the Fine Arts nearly always lead, as is to be expected from their higher average cost. This year, however, the two works of highest price and greatest note are not classed in Art, though their chief interest for the general reader is in that domain. They are Cesnola's "Descriptive Atlas of the Cesnola Collection," which has been twenty years in preparation, and Brinkley's "Japan," a work in ten folio volumes. These volumes are profusely and exquisitely illustrated in color by Japanese artists. The books are readable as well as beautiful, and contain a great amount of useful information regarding the social and business life of this progressive people.

SOME NOTEWORTHY ADDITIONS; ARRANGED IN ORDER OF CLASS.

MYERS, F. W. H. Human personality. 1903. 4a
NEVIN, A. Encyclopaedia of the Presbyterian Church of the U. S. [pref. 1884.] Ref. 6a
BUTLER, C. H. Treaty making power of the U. S. 1902. 2 v. Ref. 23a
OSTROGORSKI, M. Democracy. 1902. 2 v. 26
REEVES, W. P. State experiments in Australia. 1902. 2 v. 26a
KELLY'S directory of merchants, manufacturers and shippers. [1903.] 30c
MOODY, J., *ed.* Moody's manual of corporation securities. 1903. 30d
SMITH, H. J. Smith's financial dictionary. 1903. Ref. 30d
DALE, J. H. v. Van Dale's groot woordenboek. 1898. Ref. 34
STEINGASS, F. English-Arabic dictionary—Arabic-Eng. dictionary. Ref. 34
REAL Acad. Espanol. Diccionario de la lengua castellana. 1899. Ref. 34e
PETROCCHI, P. Novo dizionario univ. della lingua italiana. 1902. Ref. 34f
MICHIAELIS, H. New Dictionary of Portuguese. 1893. 2 v. 34p
GUNSAULUS, F. W., *ed.* Reference library; modern engineering. 1903. 10 v. 40
BAKER, I. O. Treatise on roads and pavements. 1903. 40a
WEBB, W. L. Railroad construction. 1903. 40a
BURGOYNE, A. H. Submarine navigation. 1903. 2v. 40e
FLEMING, J. A. Handbook for the electrical laboratory [pref. 1901.] v. 1. 43
CHARPENTIER, P. Timber. 1902. 49b

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CESNOLA, L. P., di. Descriptive atlas of the Cesnola coll. 1885-1903. 3 v. Ref. 51a
FOWKE, G. Archaelogical history of Ohio. 1902. 51a
GARDNER, E. A. Ancient Athens. 1902. 51a
SADTLER, S. P., *and* Coblentz, V. Text-book of chemistry. [c1898-1900.] 2 v. Mc3
ELLIS, G. Modern practical joinery. 1902. 61b
BEACH, E. E., *and* Thorne, W. W. American business and accounting encyclopaedia. [c1901.] 2 v. 62a
CHITTENDEN, H. M. History of early navigation on the Missouri. 2 v. 1903. 62c
MACCOLL, D. S. 19th century art. 1902. Ref. 65
BRANDON, R., *and* J. A. Analysis of Gothic architecture. 1903. 2 v. Ref. 65a
MURRAY, A. S. Sculptures of the Parthenon. 1903. 65b
TAFT, L. History of American sculpture. 1904. Ref. 65b
BEHRENS, C. Bluethe und Frucht in dekorativer Anordnung. Ser. 1. Ref. 65c
BELL, Mrs. N. E. (M.) Masterpieces of the great artists. 1895. Ref. 65c
KONODY, P. G. Art of Walter Crane. 1902. Ref. 65c
THOMPSON, D. C. Barbizon school of painters. 1902. Ref. 65c
WYLLIE, W. L. Nature's laws and making pictures. 1903. 65c
BAILEY, L. H. Nature portraits. 1903. Ref. 65e
HESSLING, E., *ed.* Decorative und monumentale Malereien. v. 1. n. d. Ref. 65e
HOLME, C. Representative art of our time. 1903. Ref. 65e
HUGHES, R. Musical guide. 1903. 2 v. 65f
OXFORD history of music. v. 1, 3-4. 1901-2. 65f
SHAKESPEARE. Book of Shakespeare's songs. 1903. 65f
ALFORD, M., *Lady*. Needlework as art. 1886. Ref. 65g
BURTON, W. History and description of English porcelain. 1902. Ref. 65g
CATTELLE, W. R. Precious stones. 1903. 65g
GIBB, E. J. W. History of Ottoman poetry. 1900-2. 66a
BROWN, T. A. History of the New York stage. 1903. 3 v. Ref. 66b
YEATMAN. The gentle Shakespeare. n. d. 67d1
AMERICAN caricatures. n. d. Ref. 72c
BREWER, D. J., *ed.* World's best orations. 1900-2. 10 v. 74
LEE, G. C. World's orators. 1901. 10 v. 74
BREWER, D. J., *and others, eds.* Crowned masterpieces of literature. 1902. 10 v. [Same as Best Essays.] 75
GARNETT, R. English literature. v. 1-4. 1904. 4 v. Ref. 77b
EVANS, C. American bibliography. v. 1. 1903. Ref. 78b
HATIN, L. E. Historie politique et litteraire de la presse en France. 1859 61. 8 v. Ref. 78b
ABRUZZI, *Duke*. On the Polar Star. 1903. 82c
FILIPPI, F. de. Ascent of Mt. St. Elias by the Duke of Abruzzi. 1900. 83c
SANTA ANNA NERY, F. G. de. Land of the Amazons. 1901. 83f
HAGGARD, H. R. Rural England. 1902. 2 v. 84a
ABBOTT, G. F. Tale of a tour in Macedonia. 1903. 84h
BRINKLEY, F., *ed.* Japan. [c1897.] 10 v. Ref. 85d
DAVIDSON, J. W. Island of Formosa. 1903. 85d
SANDERSON, E., *and others*. The world's history and its makers. 1901-2. 10 v. 89
THATCHER, O. J., *ed.* Ideas that have influenced civilization. [c1901-2.] 10 v. 89
FORTIER, A. History of Louisiana. 1904. 4 v. Ref. 91
LEE, G. C., *ed.* History of North America. v. 1-2. [c1903.] 91
SPEARS, J. R., *and* Clark, A. H. History of the Mississippi Valley. 1903. 91
LEE, F. B. New Jersey. 1902. 4 v. 91d
STANARD, W. G., *and* M. N. Colonial Virginia register. 1902. 91d
THOMPSON, A. M. Political history of Wisconsin. 1902. 91d
HENNEPIN, L. New discovery of a vast country in America. 1903. 2 v. 92
CLEMENT, C. E. Rome. [c1896.] 2 v. 94a

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CASTIGLIONE, B. Book of the courtier. 1902. 96
SEYMOUR, W. W. The cross in tradition. 1898. 96
ABBOTT, E. A. St. Thomas of Canterbury. 1898. 2 v. 97b
ANNUAL Burns Chronicle. 1-12. 1892-1903. Ref. 97b
ARMSTRONG, E. Emperor Charles V. 1902. 2 v. 97b
BERNARD, *St.* Life and works of Mabillon. n. d. 2 v. 97b
CARLYLE, *Mrs.* J. W. New letters and memorials. 1903. 2 v. 97b
CHAMPNEYS, B. Memoirs and correspondence of Coventry Patmore. 1900. 97b
DARWIN, C. R. More letters. 1903. 2 v. 97b
FURNISS, H. Confessions of a caricaturist. [c1901.] 97b
HAMILTON, S. M. Letters to Washington. 1898-1903. 5 v. 97b
HENSMAN, H. Cecil Rhodes. 1902. 97b
HOAR, G. F. Autobiography of 70 years. 1903. 2 v. 97b
PAGET, *Sir* A. Paget papers. 1896. 2 v. 97b
WOLSELEY, G. J. Story of a soldier's life. 1903. 2 v. 97b
PITTMAN, *Mrs.* H. D., *ed.* Americans of gentle birth. v. 1. 1903. Ref. 97c
POPE, C. H. Pioneers of Massachusetts. 1900. Ref. 97c
UNIVERSITY Encyclopedia; ed. by McCracken. 1902. 10 v. 97a

DONATIONS AND EXCHANGES.

The donations and exchanges for the year amounted to 3,144 volumes and 7,289 pamphlets, an increase of 1,819 volumes and 1,230 pamphlets over the large list of last year. A complete list of gifts and exchanges with names of donors is given in an appendix. Copies of our English and German fiction catalogues have been sent to about eighty libraries; and our monthly bulletin and annual report to all of the large and to many of the small libraries, particularly those in neighboring states.

BINDING.

The number of volumes sent to the binder for first binding was 2,455, an increase of 1,036 over last year. The cost averaged 67 cents per volume. The increase of three cents in price was probably due to the binding of a greater proportion of large volumes than last year. 7,833 volumes were rebound at a cost of $3,347.55, an average of 43 cents per volume; and 1,412 volumes were repaired at a cost of $363.75, an average of 25 cents per volume. There were also 10.287 volumes repaired in the Library, the repairs ranging from patching or inserting a few leaves to supplying new covers. These cost, on an average, four cents a volume for salary and material.

CIRCULATION DEPARTMENT.

RECORDS AND NOTICES.

Like the registration division, this sub-department comprises within purview a large amount of routine work. Here are gathered all the business details of the circulation department. The recovery of overdue books, the recording and collating of statistics, correspondence with card-holders, rewriting of book cards, typewriting book lists, the ordering, care and distribution of stationery and supplies, and numberless odds and ends, each item, seemingly of little importance in itself, but in the aggregate a most important factor in the successful operation of the Library. This work for the most part is done by 'prentice hands, for here it is that the newcomer enters the service, and under the direction of the clerk in charge (an experienced assistant), learns the first lessons of system and order and attention to detail, which form the foundation of future fitness for higher work.

In the daily routine come the rewriting of the book cards (the first card is written in the cataloguing room) and the sending of notices for books overdue. During the year 41,521 book cards were rewritten and 17,630 notices were sent for overdue books,—13,280 first notices, 3,498 sec-

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ond and 852 third. Among the chief items of other routine correspondence were 2,218 notices regarding books in infected houses, directing holders to hand them over to the health officers;* 985 notices of books reserved, and 1,254 miscellaneous notices, besides many letters of greater or less length supplying information or straightening out diffculties or answering minor complaints. All serious complaints (an exceedingly small number) and requests for bibliographical or general information go directly to the Librarian for reply.

From this department, naturally, the messenger is sent to recover books for which three notices (two of them sealed) have previously been sent. Last year the messenger called for 292 volumes. All of these were recovered except 44. These were drawn by persons who had left the neighborhood (and in many cases the city) and could not be traced.

CIRCULATION.

Last year's report noted an increase of 155,261 in the issue of books and periodicals over the issue of the year before. This year shows a farther gain of 56,867. Though the World's Fair was not formally opened until just at the close of this year, it was anticipated that its attractions, even during the formative period, would lessen the amount of reading done, and that the record of the year would show an actual decrease in circulation instead of the steady increase which has marked successive years from the outset. It is found that any excitement or distraction from the ordinary routine lessons the demand for books. For example, Christmas occupations make December a lighter month than November; and September, when parents and teachers and pupils are all busy with preparations for school and for the coming season, is usually the lightest month in the year. What may be called the steady reading season does not begin until after January 1st; and March is the culminating month. How great the drop may be in April depends on the weather. If St. Louis were in the latitude of St. Paul, at least ten, probably twenty, possibly thirty per cent more books would be read.

My anticipation of a decrease in circulation was based on the reasons above given, strengthened by the fact that such result was noted in Buffalo and Chicago during their World's Fair seasons. The Chicago report for 1892-93 makes this statement:

"The circulation has decreased somewhat from that of last year. This phenomenon, an exception to the showing of all previous reports, finds its explanation in the preparation for and the opening of the Columbian Exposition."

The Buffalo Public Library reports a decrease of 14,785 in the total circulation with the comment:

"This is a very small reduction, when the distractions of the Pan-American year are considered."

The growth of this Library in popularity and usefulness has been a steady, uninterrupted progress. This is plainly shown by the table exhibiting the issue for each of the ten years of its existence. The issue for home reading has increased gradually, by fairly even steps, from 331,000 (to use even numbers) in 1894, to 939,000 in 1904; the use of books in the Library from 40,000 to 111,000; periodicals from 165,000 to 243,000. The home issue has all but trebled; the rate of increase in the Library issue is nearly the same; while the reading room issue, though it has gained more than 75,000, has not doubled. There is a ready explanation for this in the fact that the reading room was always free. So, to be

*The Health Commissioner sends to the Library every day a list of the houses posted. To everyone of these the following notice is sent:

The Board of Health reports a case of ..... in your family. If you have any Library books in your possession please do not return them to the Library or ask for others until your house and books have been fumigated.

To avoid all possible chances of contagion a copy of this circular is sent to all households reported by the Health Department. If you have a library book now kindly let us have author and number immediately.

Fallure to observe the foregoing requests will be a sufficient cause for the permanent withdrawal of library privileges.

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sure, was the reference use of books; but so long as there was a subscription fee required for full privileges, the Library was not known as the property of the people; and those privileges that were entirely free were not so widely used. The most rapid increase naturally took place the first year the Library was made free, when (though the year included only ten months) the number of registered readers increased from four or five thousand to 24,000, and the books drawn for home reading from 121,000 to 331,000. In the second year (the first full year) the home issue was nearly quadrupled. Full particulars regarding the issue for the year are given in the following tables. In the first table the issue (for the year) is so classed as to show the proportion of the total circulation that went through each agency of distribution. It is noteworthy that of the total home issue, numbering 939,623 volumes, more than half, 476,922, were delivered through the several outside agencies; and also that of the 371,346 volumes drawn by adults at the Library, 206,002, or 55 per cent, were chosen by readers from the open shelves.

ISSUE STATISTICS.

Home Issue.		
Main Desk		165,344
Open Shelves, Miscellaneous	168,696	
Collection of Duplicates	37,306	206,002
Juvenile Department.		
Drawn from Library	91,365	
Supplementary Reading	144,818	
Depositories	54,647	290,830
Delivery Stations		277,447
Total Home Issue		939,623
Total Library Issue		111,662
Total Issue of Books		1,051,285
Total Issue of Periodicals		243,213
Total Issue in all departments		1,294,498

ISSUE BY MONTHS.

	Home Issue.						
	Main Library.	Delivery Stations.	Schools and Depositories.	Total	Library.	Periodicals	Totals.
May	35,683	25,781	21,719	83,183	7,340	19,696	110,219
June	35,284	27,686	60	63,030	6,134	17,767	86,931
July	32,635	16,738	.....	49,373	6,066	12,602	68,041
August	34,493	15,667	.....	50,160	6,700	11,895	68,755
September	35,026	16,210	2,186	53,422	5,799	13,101	72,322
October	38,973	22,545	10,713	72,231	7,204	18,530	97,965
November	39,764	23,492	18,767	82,023	10,812	23,039	115,874
December	38,493	22,885	21,709	83,087	11,379	24,542	119,008
January	42,362	21,788	23,376	87,526	13,067	26,810	127,403
February	44,149	23,843	25,798	93,790	13,529	25,513	132,832
March	45,992	30,520	34,906	111,418	13,203	26,043	150,664
April	39,857	30,292	40,231	110,380	10,429	23,675	144,484
Total	462,711	277,447	199,465	939,623	111,662	243,213	1,294,498
1903	477,045	285,423	140,300	902,768	101,971	232,892	1,237,631
Loss	14,334	7,976	.....	.....	.....	.....	.....
Or Gain	.....	.....	59,165	36,855	9,691	10,321	56,867

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CLASSIFIED CIRCULATION.

	Home Issue.	Per Cent	Library Issue.	Per Cent.	Total Issue of Books.	Per Cent.
Philosophy	3,092	.33	1,236	1.10	4,328	.41
Religion	4,104	.43	4,408	3.94	8,512	.80
Social Science	8,516	.90	15,789	14.14	24,305	2.31
Natural Science	19,103	2.03	14,539	13.02	33,642	3.20
Art	5,087	.55	9,333	8.35	14,420	1.37
Poetry	12,666	1.35	3,790	3.39	16,456	1.56
Fiction	417,899	44.48	9,627	8.62	427,526	40.66
Coll. of Dup.	37,306	3.97	.....	.....	37,306	3.54
Juvenile	373,044	39.71	2,024	1.81	375,068	35.67
Lit. Misc.	15,831	1.68	6,130	5.49	21,961	2.09
Travels	9,126	.97	5,292	4.73	14,418	1.37
History	17,388	1.85	8,489	7.60	25,877	2.46
Biographies	8,283	.88	6,899	6.17	15,182	1.44
Cyclopaedies and Periodicals	8,178	.87	24,106	21.58	32,284	3.07
Total	939,623	100.00	111,662	100.00	1,051,285	100.00

SUMMARIES.

	1902-1903.	1903-1904.
Home issue, regular library	859,835	902,317
Home issue, coll. of duplicates	42,933	37,306
	902,768	939,623
Library issue	101,971	111,662
Total issue of books	1,004,739	1,051,285
Reading room issue	232,892	243,213
Total issue in all departments	1,237,631	1,294,498
Gain in 1903-1904 over 1902-1903		56,876

LARGEST WEEK-DAY ISSUE, SATURDAY, MARCH 26, 1904.

Main desk	1,150
Open shelves	1,288
Juvenile	885
Delivery stations	877
Total home issue	4,200
Library issue	708
Reading room issue	1,005
Total issue in all departments	5,913

SMALLEST WEEK-DAY ISSUE, THURSDAY, AUGUST 20, 1903.

Main desk	362
Open shelves	489
Juvenile	237
Delivery stations	519
Total home issue	1,607
Library issue	266
Reading room issue	358
Total issue in all departments	2,231

LARGEST SUNDAY ISSUE, MARCH 13, 1904.

Library issue	205
Reading room issue	451
Total	656

SMALLEST SUNDAY ISSUE, JULY 22, 1903.

Library issue	39
Reading room issue	156
Total	195

TOTAL SUNDAY ISSUE.

Library issue	4,902
Reading room issue	16,377
Total	21,279

AVERAGE SUNDAY ISSUE.

Library issue	94
Reading room issue	315
Total	409

AVERAGE DAILY ISSUE.

Home issue	3,001
Library issue	307
Reading room	666
Total	3,974

AVERAGE WEEK-DAY ISSUE.

Home issue	3,002
Library issue	341
Reading room issue	724
Total	4,067

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HOLIDAY ISSUE, 1903-1904.

	Home.	Library.	R. R.	Total.
Decoration Day	2.118	290	695	3.103
April 30, 1904	1.426	99	392	1.917
Fourth of July	212	30	355	597
Labor Day	1.193	184	375	1.752
Thanksgiving	505	174	935	1.614
Christmas	....	46	402	448
New Year's Day	115	174	790	1.079
Washington's Birthday	2.501	538	973	4.012
Total	8.070	1.535	4.917	14.522
Average	1.009	192	615	1.815

COLLECTION OF DUPLICATES ISSUED BY YEARS SINCE THE LIBRARY WAS MADE FREE.

1894-1895	1895-1896	1896-1897	1897-1898	1898-1899	1899-1900	1900-1901	1901-1902	1902-1903	1903-1904
11.986	15.159	13.476	16.915	15.815	25.984	35.816	41.263	42.933	37.306

TOTAL ISSUE BY YEARS SINCE THE LIBRARY WAS MADE FREE.

	94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04
Home	331.426	472.718	551.059	647.171	698.339	707.823	740.179	778.507	902.768	939.623
Ref. & Library	40.628	46.082	51.240	69.070	65.732	69.966	70.606	95.106	101.971	111.662
Reading Room.	165.359	170.142	184.729	204.259	195.783	201.886	187.812	208.757	232.892	243.213
Total	537.413	688.942	788.028	920.500	959.854	976.675	998.597	1.082.370	1.237.631	1.294.498

REFERENCE.

With open shelves in our Reference Room it is impossible to obtain an accurate count of the books consulted; but the recorded issue of this year was 86,835 volumes, a gain of 4,373 over the last year, which showed a gain of nearly 8,000 over the previous year.

The three assistants in this department have charge of the exchanges and donations, recording and acknowledging them. They also care for some hundred art and scientific periodicals, which find their proper shelves in the Reference Department. Further, they have charge of the pamphlet collection, arranging and cataloguing pamphlets as they come in, and from time to time making up volumes for binding.

The pamphlet continuations, consisting of reports, bulletins or catalogues, received from all the departments of the United States Government, the several States and foreign countries, also from the larger cities, universities, societies and libraries, have this year been re-arranged and the boxes labeled so that the shelves may be easily read.

The index to illustrations has been enlarged considerably. It is the intention to include in this card index any good illustrations, such as flowers, animals, portraits, seals, noted buildings, costumes or reproductions of works of art, particularly when found in places where one would least expect to seek them. Moreover, in cases where an illustration might be supposed to exist in a particular volume, the specific reference to page is a great time saver. Naturally, such an index is an interminable piece of work, but it is done in odd moments; and, as many of the subjects are required over and over again, the index has already been of great service.

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A card index to recitations, the work of odd times for years past, has been largely, but not wholly, superseded by Granger's Index to Poetry and Recitations. Upon receipt of this book, the cards for references given in it were withdrawn; and the cards remaining form a supplement to the printed index.

The following table gives by months the recorded use of books in the Reference Room:

RECORDED USE OF BOOKS IN REFERENCE ROOM.

	1902-03	1903-04		1902-03	1903-04
May	5,678	5,943	December	7,316	8,840
June	4,645	4,986	January	9,104	9,785
July	4,578	4,880	February	9,196	10,237
August	4,866	5,214	March	9,195	10,291
September	3,815	4,238	April	8,000	8,022
October	6,955	5,481			
November	9,114	8,918		82,462	86,835

DELIVERY STATIONS.

There were issued through the stations 277,447 books, a decrease of 7,976 compared with last year. Station 14, Pestalozzi and Salina, continues our largest station, with an issue of 16,459. This is followed by No. 30, Leffingwell and Cass, with 12,486; No. 25, Lafayette and California, 9,558; No. 33, Goode and Easton, 9,136; No. 22, Grand and Finney, 9,085. These include all that exceed 9,000 volumes.

There were issued through the Central High School 24,501 books, and through the McKinley High School 1,581. At the Ames School 5,769 volumes were issued; at the Columbia, 4,893; at the Blair, 2,424; and at the Second Baptist Sunday School, 3,854.

The following changes were made during the year: Station 4, from St. Louis and Newstead avenues to Jefferson and Hebert street; Station 25, from Broadway and Keokuk street to 2201 Cherokee street; Station 38, from Twelfth and Geyer avenue to Thirteenth and Geyer avenue; Station 39, from Westmoreland Hotel Drug Store to Bacon street and Cass avenue; Station 48, from Twentieth and Wright streets to 5427 Old Manchester Road; and Station 59, from Alice and Grant streets to Leonard and Washington avenues.

Station 60, 5901 Maple avenue, was added during the year; and Station 41, at 2631 Gamble street, and Station 46, at Jefferson and Shenandoah avenues, were changed from bi-weekly to daily stations.

To the Central and McKinley High Schools and to the Ames, Blair and Columbia Schools assistants have gone to issue books; to the Central, three times a week; to the McKinley and to the grammar schools, twice a week. This has been done to encourage and aid the work, to save the trouble that would arise from errors and to introduce orderly methods. It is hoped that sooner or later the Library will be relieved of this work, which should be done by teachers or older pupils.

JUVENILE.

Of the various functions of a public library there is none of greater, more far-reaching influence than the work done with children. It is a spring-time sowing, which insures a full harvest, a life-long sowing and reaping, a perennial fruitage through life. The best thing that can be done for a child is to implant in him a love of knowledge, a taste for good reading. This is worth more than a college course without it. The best time to impart this taste is before the child is ten years old. The effort should begin in the nursery at two years of age. Only the fortunate few, however, have such influence brought to bear on them until they go to school; and then the most earnest endeavor of the teacher should be exerted to this end. "Open Fairyland!" sums up the

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injunctions of the most advanced and successful educators. That is what the teachers of St. Louis, with the aid of the Public Library, are doing in yearly increasing measure.

Looking to its ultimate effect on the peace and progress and prosperity of St. Louis, there is nothing more gratifying than the rapid growth of our Young Folks' Department. So long as all departments are growing satisfactorily, I am not sorry to find that the ratio of cardholders under seventeen to their elders is yearly becoming greater, till this year the registered juveniles are not far from half of the total registration, and are drawing nearly 40 per cent of the books that go out from the Library. There is no question about the educational value, both intellectual and moral, of these books. They give pleasure the purest, joy the most unalloyed; and this would be enough. But they do more: they awaken the imagination, enlarge the mental grasp, supply interest and information and incentive and teach the lessons of morality, of justice, benevolence and devotion, as they can be taught in no other way.

The activities of this department manifest themselves through three channels: 1st, the issue of books to children or their parents who come to the Library; 2d, through sets of supplementary reading sent to the schools; 3d, through miscellaneous collections of books sent to the schools to remain as long as wanted, such collections being designated as "depository libraries." In the first way were issued this year 91,365 volumes; through the second agency, 144,818 volumes; and through the depositories, 54,647 volumes, making a total of 290,830. This does not include all the juvenile books circulated, for others are sent through the delivery stations, last year a sufficient number to bring the total circulation of juvenile books up to 373,044, which was 39.71 per cent of the total home issue.

The first of the following tables shows schools that served as depositories and the work done by each. It will be observed that there was considerable difference in both the number of volumes and the length of time among the schools, leading inevitably to great differences in the total issue in the various schools, ranging from 10,000 to a few hundred volumes. The second table shows the issue month by month, from both the depositories and the sets of supplementary reading. At the close of the year the supplementary reading on hand amounted to 474 sets containing 14,085 volumes.

The use of books for the school year from September, 1903, to June, 1904, was as follows: Supplementary reading, 154,014 volumes; books drawn from the depositories, 61,891 volumes, making a total of 215,905. The following may be interesting as giving the number of rooms in the various schools, the number of books sent to each school, the number of weeks they were kept, and the issue per week:

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REPORT OF DEPOSITORY LIBRARIES, 1903-1904.

	Rooms.	Books.	Weeks Kept.	Total Issue.	Average Issue per Week.
Ashland	1	21	10	345	35
Benton	4	155	32	892	28
Charless	6	185	11	1,446	132
Clinton	4	153	36	3,683	102
Columbia	7	420	35	9,202	263
Eliot	14	494	32	10,130	317
Elleardville	1	38	19	564	30
Emerson	6	274	33	7,229	219
Fremont	5	244	36	7,000	194
Froebel	1	300	26	4,511	174
Garfield	4	185	19	2,759	145
Gratiot	1	80	25	1,590	64
Harrison	1	30	12	302	25
Irving	8	231	20	2,555	128
Lyon	1	122	29	2,585	89
Madison	1	41	21	870	41
Shepard	10	236	31	3,751	121
Sherman	1	25	10	318	32
Walnut Park	1	28	14	523	37
Washington	4	147	30	1,336	45
Wyman	1	30	10	300	30
Total	82	3,439	.....	61,891	.....

ISSUE REPORT OF SCHOOLS FROM SEPTEMBER, 1903—JUNE, 1904.

Supplementary	154,014
Depositories	61,891
Total	215,905

ISSUE REPORT OF SCHOOLS FOR THE LIBRARY YEAR, FROM APRIL 30, 1903, TO MAY 1, 1904.

	Sup.	Depos.	Total
May	18,555	3,164	21,719
June	.....	60	60
July	.....	.....	.....
August	.....	.....	.....
September	2,655	424	3,079
October	6,068	3,752	9,820
November	12,885	5,882	18,767
December	14,666	7,043	21,709
January	16,470	6,906	23,376
February	18,774	7,024	25,798
March	23,660	11,246	34,906
April	31,085	9,146	40,231
	144,818	54,647	199,465

Supplementary reading on hand, June, 1904:—474 sets—14,085 copies.

From the above figures it will be seen that 82 rooms in the public schools were supplied with collections of books that remained there from 10 to 36 weeks, the latter being practically the whole school year, though in some cases the books were changed in the middle of the term.

Sets for supplementary reading were sent to all the public schools that asked for them, i. e., to 67 out of a total of 91; 61 out of 79 white schools and 6 out of 12 colored schools. Sets were sent also to five evening schools (four public and one Jewish), to two Catholic institutions and to the House of Refuge.

The books drawn directly from the room were about the same in number as last year; but there was a large increase in the issue through the schools, 7,674 from the depositories and 51,491 from the supplementary sets. This large gain in the latter item accrued chiefly in the

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latter part of the year, beginning with January, when the Library Board furnished an additional wagon for this special purpose. Formerly we had had to depend on the very irregular and inadequate service from the wagons of the Board of Education. In other cities I think the expense of transportation is borne by the schools; in one, at least, that I know of, the Board of Education furnishes also the boxes.

The reading lists of last year and previous years were revised and enlarged and reprinted. One new list on Ancient History was added. There is frequent request for these lists from other libraries and visitors interested in this phase of education. The following new sets * were added.

GRADE 1-2.

Dopp	Tree-dwellers	3 sets.
Lang	Snowman	3 sets.
Smythe	Reynard the Fox	3 sets.

GRADE 2-3.

Dopp	Early Cave Men	1 set.
Parker	Uncle Robert's Geography, v. 1	4 sets.

GRADE 3-4

Homer	Achilles and Hector	2 sets.
Parker	Uncle Robert's Geography, v. 2	4 sets.
Parker	Uncle Robert's Geography, v. 3	2 sets.

GRADE 5-6

Forbes	Elizabeth's Charm String	1 set.
Homer	Story of Ulysses (Clarke)	1 set.
Kipling	Jungle Book	1 set.
Longfellow	Courtship of Miles Standish (drama)	1 set.
Price	Wandering Heroes	2 sets.
Lane	Strange Lands Near Home	1 set.
Lane	Triumphs of Science	1 set.
Northern Europe		1 set.
Toward the Rising Sun		1 set.
Under Sunny Skies		1 set.
Wide World		1 set.

GRADE 7-8.

Baldwin	Discovery of the Old Northwest (Gr. 7-1st. 2d. 3d.)	2 sets.
Baldwin	Conquest of the Old Northwest (Gr. 7-4th & Gr. 8)	2 sets.
Pitman	Stories of old France	1 set.

The following eleven sets were worn out and nine of them replaced: Baldwin, "Fifty Famous Stories" and "Old Greek Stories;" "Books for the Bairns;" Carroll, "Alice in Wonderland;" Eggleston, "Stories of Great Americans;" Lang, "Snowdrop;" McMurry, "Classic Stories," 2 sets; Mulock, "Adventures of a Brownie;" and Mulock, "Little Lame Prince," 2 sets.

Five sets were withdrawn from the supplementary reading collection because of the small demand for them, and were put to good use on the regular shelves: Aesop, "Fables," because furnished to the schools by the Board of Education; "Books for the Bairns," because not in demand; "Greek Heroes," replaced by a more attractive book entitled "Old Greek Stories;" O'Shea, "Six Nursery Classics," because a more desirable edition of "Mother Goose" was substituted.

Out of the 54,647 issues from the depository collections 26 books were lost, of which 7 were paid for, leaving a loss of 19 books, which number will probably be slightly reduced by further recovery. And out of the 144,818 books issued from the supplementary sets, 66 books were lost, of which 21 were paid for, leaving a net loss of 45. A very large majority of these are books of small cost, and most of them were well worn. Teachers are held only to a moral responsibility for the return of books sent to their rooms.

*The first two books found such favor that the Board of Education ordered them for all the schools.

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With the statistics of her department, which I have summarized, Miss Krug submits the following interesting statement embodying some

TEACHERS' OPINIONS ON THE VALUE OF SUPPLEMENTAL READING.

In the course of the winter one section of the St. Louis Pedagogical Society under Mr. Schuyler's direction took up the study of English from the primary grade through the university. Some very interesting papers were read by Misses Callahan, Hamilton and Krebs, stating fully what literature (in what sequence and manner) had been read in the eight grammar grades. This had a quickening influence throughout the city, and helped to raise the standard of sets called for from our supplementary collections. One of these papers recommended the following

READING COURSE FOR 6th, 7th, AND 8th GRADES USED BY MISS KREBS, OF THE COLUMBIA SCHOOL.

1. BLAISDELL. Stories from English history.
2. CLEMENS. Prince and pauper.
3. SCOTT. Kenilworth.
4. LONGFELLOW. Miles Standish.
5. —— Evangeline.
6. COOPER. Last of the Mohicans, or Deerslayer.
7. —— Spy.
8. FISKE. War of Independence.
9. SCUDDER. George Washington.
10. ANDREWS. Ten boys (Saxon and Roman).
11. CLARKE. Story of Caesar.
12. SHAKESPEARE. Julius Caesar.
13. PITMAN. Stories of old France.
14. MARTINEAU. Peasant and prince.
15. SCOTT. Ivanhoe.
16. —— Talisman.
17. SHAKESPEARE. Merchant of Venice.
18. FROISSART. Chronicles.

The papers led to an animated discussion which brought forth the following remarks from principals of grammar schools:

Principal A. 'I put the supplementary books to four different uses. The children read them in class, use them as busy work, read in them at odd times and take them home.

'We do not like short stories. We want a book containing one continuous story, even for the youngest readers.'

I asked him about the Arabella and Araminta, Roggie and Reggie books. He said: 'The little folks are charmed with them, taking the same delight in them as in the Mother Goose books; but we must have the older child to read to the younger one, as the words are too difficult for the beginner. I like to recommend them to parents to buy for the home.'

Principal B. 'Although the Aesop fables are good, they must be read in small doses, that is, only a few at a time.' (I have inferred from this that the School Board had better furnish this book, and they do).

Principal C. *Of all the extraneous things put into the schools in late years, I think supplementary reading far outstrips all the others in usefulness.* I am not opposed to school gardens, for instance, yet I think they take up more attention and time than the results justify. I have always found that a few of the children do all the work, and these are usually the ones that naturally incline to that kind of thing. In supplementary reading, on the other hand, the whole class takes part, and all bend their efforts to the same goal; indeed, each individual's thought enriches the whole.'

Principal D. 'Up to this time I have not been able to read much Shakespeare in my eighth grade, but we have been using your supplementary reading sets so industriously in all grades for the last two

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years, and I notice such an improvement in the reading and the general intelligence of my pupils, that I know we can read four Shakespearean plays next year.' (This from the central district, among the poorer class.)

I often question the principals and teachers as to their opinion on the grading of our supplementary reading sets. As a general thing they express themselves well satisfied. One principal suggested that we place Thackeray's *Rose and the Ring* in a higher grade, stating that it was especially interesting in giving an idea of Thackeray's style, and this could not be appreciated by young children. This principal took the pains to send in a full typewritten report, by his teachers, on the use of the sets.

MONTHLY BULLETIN.

The publication of a Library Bulletin which it was thought best to discontinue as a 32-page magazine in 1898, on the score of expense, was resumed in 1903. The new issue took the less costly form of a 16-page pamphlet, published monthly, and confined almost entirely to an annotated list of the new books added each month, and special reading lists on various subjects which may be considered of general interest or of timely importance. A brief statement of the rules and regulations of the Library that apply to card-holders appears regularly on the front cover, and a list of the delivery stations of the Library on the last.

While very simple and inexpensive in form, the Bulletin has supplied an existing need of readers. Its appreciation by librarians is shown by the constant requests for it which reach us, and by paid orders for a number of copies of any issue which may have a special interest.

The editing and the bulk of the work on the Bulletin are the special charge of Miss Tutt.

Among the lists published in 1903-04 of special interest were:

1. Books on the Louisiana Territory to 1821, published at the time of the dedication of the Louisiana Purchase Exposition.
2. Books on domestic science.
3. Reading list on Indians.
4. Books on manual training.
5. Japan and Russia, published in February, 1904.
6. Trusts.
7. The city and its problems.

NEED OF NEW QUARTERS.

The additions of the year have made more pressing the necessity for a larger space for shelving books and for the accommodation of the staff and the public. A crowded condition everywhere prevails notwithstanding the continued storing of books outside the building. The erection of a branch will be the best and quickest way of securing relief.

STAFF.

The work of the year was made more difficult by numerous changes in the personnel of the staff. During the year one senior clerk, one junior clerk, four apprentices and seventeen messengers withdrew or were dismissed from the service. Most of the latter had been in the Library but a short time and were of little or no value. Others, however, were well trained, and their loss was felt throughout all the departments. Of the four apprentices, two left to take higher position in other libraries. We lost, also, one trained cataloguer, Miss Clara R. Dean, who left on the first of September, to be married. The list given on page 4 omits the names of those who served as apprentices or messengers for only a few weeks or months. Of the spirit and efficiency of the permanent staff I can speak only in terms of highest commendation.

SUPPLEMENTARY.

The late date of the preparation of this report makes it possible and desirable to present a summary of the most important events of the period from May to January.

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It is gratifying to record that the Board has been able to do more than meet its notes on the 17th, 18th, Olive and Locust St. block. When the balance of the original loan, $175,000, was refunded in April, 1904, the rate of interest was reduced, and the Board agreed to pay $40,000 on June 1st, $40,000 on October 1st, and $40,000 on January 15th, 1905. This would have left a balance still due of $55,000. But the Board was able and, by the courtesy of the St. Louis Union Trust Company, was allowed to pay $60,000 instead of $40,000 on the second installment, reducing the debt to $75,000. This amount will be paid on the 15th of January, leaving the Board entirely free from debt.

The last rent received for the Exposition was in September, $7,000 for the quarter ending with the month of November. On December 1 the Exposition building and the power house passed into the possession of the St. Louis Union Trust Company, as stipulated in the original agreement, when the company advanced the money for the purchase of the property together with all the rights and franchises of the Exposition Company. It is generally known to the public, through the city press, that the bulk of this money—nearly a quarter of a million dollars—was a gift from the individual directors of the St. Louis Union Trust Company.

MODEL LIBRARY AT THE LOUISIANA PURCHASE EXPOSITION.

In my last annual report I spoke of a project in contemplation for exhibiting a "Model Public Library" at the World's Fair. At that time the original hope of securing a separate building had about vanished, and the problem was to obtain some $8,000 needed to fit up a space 70'x30' in the Education Building, to represent a one-room library, with a collection of six to ten thousand volumes.

The chance of getting this money seemed very slender; and we were glad to accept the kind offer of the Missouri Commission to give the use of one of the halls in the Missouri Building, with an appropriation of $3,500 for furniture, freight and cartage and incidentals. The Library Bureau (of Boston, Chicago and St. Louis) had already offered to fit up the room with shelving, card cabinets, counter, desks, tables, chairs, etc. The room was 75'x35', lofty and well lighted; the furniture and fittings were of the handsomest appearance and most substantial material and make.

If, however, this was to be a "Model Library," the books in it must be distributed over the realm of knowledge in judicious proportions and must be the very best in each department. A plan to secure such a collection of "best books" was already on foot in charge of a committee of the American Library Association, with Melvil Dewey, State Librarian of New York, at its head. This Committee appointed sub-committees on the various departments of science and literature, and enlisted the co-operation of nearly three hundred librarians and university professors in all parts of the country. The returns from these collaborators were collated and edited by Mr. Dewey and Miss Seymour of his staff and finally revised by Mrs. H. L. Elmendorf, special bibliographer of the Buffalo Public Library.

Dr. Herbert Putnam, the head of the Library of Congress, at considerable sacrifice of his own immediate interests, undertook to print the catalogue.

The various publishers promptly and cheerfully, and with great generosity, supplied the bulk of the books, including a large number of costly publications such as the Century Dictionary; the International Cyclopaedia; Warner's Library of the World's Best Literature; Shakespeare, new variorum edition by Furness; Encyclopaedia Americana; Universal Encyclopaedia and Atlas; Chambers' Encyclopaedia; Grove Dictionary of Music; Champlin, Cyclopaedia of painters; Johnston,

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Handy royal atlas of geography; Sturgis, Dictionary of agriculture. These numerous gifts, aggregating over 5,000 volumes, belong to the record of the current year and will be fully listed in the next annual report. In addition to this "model" or "A. L. A." collection, some 2,500 popular books were sent out from the Library, and the whole collection included, further, some 1,600 volumes of works by Missouri authors supplied chiefly by the Historical Society of Missouri at Columbia and the St. Louis Public Library.

The task remained to collect the books, classify, enter them in the accession ledger, arrange them on the shelves with pockets and cards, ready for issue; further, to supply competent librarians to show and explain the exhibit to visitors, to register readers and issue books—in short, to make of this exhibit a public library in actual operation. This part of the co-operative effort naturally fell to the St. Louis Public Library, which gladly undertook the work and carried it on with faithfulness and enthusiasm till it was brought to a slightly premature close by the fire.

It was not to be expected that people with the whole world, its inhabitants, its industries and its arts, spread before them like an open book, would find much time to spend in reading printed books; yet in the height of the season, with all the charms of landscape, architecture, sculpture, music, processions, drills, spectacles and innumerable amusements, there was nevertheless an issue of thirty to forty volumes a day. These were drawn chiefly by persons resident on the ground. Jefferson Guards and other young employees took advantage of the library to pursue various courses of study. The main purpose of the exhibit, however, was to show to persons interested what might be considered, with unavoidable limitations, a Model Public Library, performing its every-day functions; and many visitors derived from it both pleasure and profit, both information and incentive.

The contributors to this successful co-operative effort were:

1. The American Library Association, which, through its World's Fair and other committees, compiled the A. L. A. Catalogue.
2. The Library of Congress, which published the Catalogue.
3. The Missouri Commission, which made the exhibit possible by furnishing the room.
4. The Library Bureau, which supplied the furniture and fittings.
5. The St. Louis Public Library, which collected and prepared the books and the card catalogue for the use of the Public, and maintained and conducted the Model Library as a branch.

Each and all the collaborators have reason to feel satisfied and pleased with the results of their efforts.

The American Library Association may congratulate itself on having secured the best exhibit of library activities it has ever had and on having in the Catalogue the best guide and help to the small libraries of the country that can be furnished. To this may be added the grand prize awarded to the exhibit.

The Library of Congress has the credit of publishing the Catalogue which otherwise would not have been compiled.

The Missouri Commission thereby added a grand prize and a gold medal to the awards for exhibits in the Missouri Building.

The Library Bureau will receive its reward to the extensive advertisements of its fine furniture and technical equipment.

And the St. Louis Public Library, besides the satisfaction of helping the general cause of the public libraries in the country, has to show a gold medal and a collection of 5,200 volumes of choice books.

As I have said, the library exhibit was brought to a premature close on the evening of Saturday, November 19th. To members of the staff who saw the flames shoot through the gilded dome and light up the figure of the "Winged Victory" till it appeared to soar in an atmosphere of fire, there seemed no hope of salvation for the "Model Library," on which they had labored with such pleasure and pride. Fortunately, it was not quite the hour for closing; and from the neighboring buildings

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men hurried to the rescue. Nearly all the furniture of the library room was carried out except the stack and the counter and all the books but some 475, which were found next day practically ruined by water.

The shine and freshness is gone from the whole collection, in consequence of the five handlings they received in being hurriedly carried out of the burning building and deposited on the lawn, removed from there to the protection of tarpaulins, from there next morning (Sunday) to the Ohio building, and thence to our store house down town, where they were sorted and arranged in four lots, according to the amount of damage, for the inspection of the insurance adjusters. Destruction and damage and dirt were fairly paid for by the sum of $2,500 received from the insurance companies; yet it would have been more satisfactory to have opened our first branch with these books in all but their pristine gloss and glory.

In the hope that my next report will record the initial steps towards the erection of the new central building and one or more branches, I have the honor to be

Respectfully and faithfully,
FRED'K M. CRUNDEN,
Librarian.

Jan. 13, 1905.

STATE OF MISSOURI, }
CITY OF ST. LOUIS. } ss.

Before me, the undersigned, a notary public within and for the City of St. Louis, Mo., appeared Edward L. Preetorius, Chairman of the Auditing Committee of the St. Louis Public Library, who is personally known to me, who, being duly sworn, stated that the statement of receipts and expenditures of the St. Louis Public (Free) Library contained in the foregoing report of the Librarian for the year ending April 30, 1904, on account of city appropriation and other sources, is true and correct to the best of his knowledge and belief.

(Signed) EDW. L. PREETORIUS,
Chairman Auditing Committee,
Board of Directors of the St. Louis Public (Free) Library.

Sworn and subscribed to before me this 12th day of November, nineteen hundred and four.

(Seal.) (Signed) H. A. BERKEMEYER,
Notary Public.

My term expires June 13, 1906.

STATE OF MISSOURI, }
CITY OF ST. LOUIS. } ss.

Before the undersigned, a notary public, within and for the City of St. Louis, Mo., appeared F. M. Crunden, Librarian of the St. Louis Public (Free) Library, who is personally known to me, who, upon being duly sworn, stated that the foregoing report of the Board of Directors of the St. Louis Public (Free) Library is true and correct, to the best of his knowledge and belief.

(Signed) F. M. CRUNDEN,
Librarian.

Sworn and subscribed to before me this 12th day of November, nineteen hundred and four.

(Seal.) (Signed) H. A. BERKEMEYER,
Notary Public.

My term expires June 13, 1906.

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APPENDIX.

DONATIONS.

May 1, 1903—April 30, 1904.

3,144 volumes and 7,289 pamphlets were received from 1,019 sources, as follows:

	Vols.	Phps.
Aberdeen, Public Library	...	1
Academy of Natural Sciences. *Philadelphia*	...	1
Academy of Science of St. Louis	...	14
Adamic Publishing Co. *St. Louis*	1	...
Adams, G. *St. Louis*	4	...
Adams Nervine Asylum. *Boston*	...	1
Adriance Memorial Library. *Poughkeepsie*	...	1
Advance, The. *Chicago*	...	1
Aeronautical World. *Glenville, Ohio*	...	1
Aguilar Free Library Society. *N. Y.*	...	1
Alabama. Agric. Exp. Sta	...	5
—— Geal. Survey	...	1
Albany. Bd. of Education	...	2
Alkahest Co. *Atlanta*	...	2
Allegheny. Carnegie Free Library	...	1
American Association for the Advancement of Science	1	...
American Bankers' Association	2	...
American Board of Commissioners for Foreign Missions	...	31
American Book Co	45	1
American Colonization Society	...	2
American Congregational Association. *Boston*	1	1
American Co-operator	...	44
American Dermatological Association	...	2
American Electro-Therapeutic Association	...	1
American Express Co	...	4
American Humane Education Society	1	1
American Institute of Architects	...	6
American Institute of Electrical Engineers	2	5
American Institute of Homeopathy	1	...
American Institute of Sacred Literature	...	2
American Library Association	...	2
American Numismatic and Archaeological Society	...	1
American Railroad Engineering and Maintenance of Way Association	4	11
American Society for the Extension of Univ. Teaching	...	1
American Society of Civil Engineers	1	1
American Street Railway Association	...	1
American Unitarian Association	...	1
Amherst College	...	1
Ancient and Honorable Artillery Co. of Mass	1	1
Anderson *Dr.* Willis S. *Detroit*	...	2
Andover Theological Seminary	...	1
Anonymous	97	42
Arlington Street Church. *Boston*	...	15
Armour Institute of Technology. *Chicago*	...	14
Art League of St. Louis	1	...
Associated Charities of Boston	...	1
Atchison, Topeka and Santa Fe R. R. Co	1	1
Atlanta. Board of Education	...	1
—— Carnegie Library	...	7
Atlanta University	...	1
Avery, *Mrs.* E. L. *St. Louis*	2	...
Ayr. Carnegie Public Library. *Ayrshire, Scotland*	...	1
Bain, Robert E. M. *St. Louis*	1	...
Balch, Edwin Swift. *Philadelphia*	1	...
Baltimore. Chamber of Commerce	1	...

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	Vols.	Phps.
Bangor, *Me.* Public Library	...	1
Bangor and Aroostook R. R.	1	1
Bar Association of St. Louis	...	1
Barbour, *Miss* H. M. *St. Louis*	...	2
Barnes Medical College. *St. Louis*	...	1
Bartholdt, *Hon.* Richard. *Washington, D. C*	4	1
Bates, Wm. H. *Clifton Springs, N. Y*	1	...
Bayer (F.) & Co. *N. Y.*	...	1
Belgium. Ministere de l'Agriculture	1	12
—— Ministere de l'Interieur et de l'Instruction Publique	3	1
—— Ministere des Finances et des Travaux Publics	1	...
Bemis, Edward W. *Cleveland, O*	...	1
Bennett College of Eclectic Medicines and Surgery. *Chicago*	...	2
Benson, P. R. *Anoka, Minn*	1	...
Berkshire Athenaeum and Museum. *Pittsfield, Mass*	...	1
Berlin. Statistisches Amt	1	3
Beverly, *Mass.* Public Library	...	1
Bibliotheca Sacra. *Oberlin, O*	...	1
Biddle, S. M. *Monmouth, Ill*	1	...
Bigelow, *Mrs.* V. A. *St. Louis*	...	16
Billings, H. B. *Ontario, Canada*	...	1
Birmingham, *England.* Free Libraries Committee	...	1
Bixby, W. K. *St. Louis*	3	1
Blair, James L. *St. Louis*	...	5
Blewett, Ben. *St. Louis*	2	...
Boll Weevil Convention. *Baton Rouge, La*	...	1
Boston, Auditor	1	...
—— Board of Prison Commissioners	1	...
—— Chamber of Commerce	1	...
—— Children's Institutions Department	...	1
—— Commissioner of Savings Banks	1	...
—— Health Department	...	16
—— Museum of Fine Arts	...	7
—— Normal School	...	1
—— Park Department	...	1
—— Public Library	...	15
—— Registry Department	3	...
—— School Committee	3	36
—— Secretary of the Commonwealth	1	...
Boston & Maine Railroad	...	19
Boston Athenaeum	...	1
Boston Book Co.	...	9
Boston Provident Association	...	1
Boston Transit Commission	1	...
Boston Young Men's Christian Union	1	...
Bowditch, *Dr.* Vincent Y. *Boston*	...	2
Bowdoin College. *Brunswick, Me*	2	3
Braddock. Carnegie Free Library	...	2
Bradford, Carnegie Public Library	...	3
Brandt, Albert. *Trenton, N. J*	...	2
Brandt, Lilian. *N. Y.*	...	1
Breslau. Handelskammer	...	1
Brickbuilder. *Boston*	...	1
Bridgeport, *Conn.* Public Library	...	1
Brighton. Public Library	...	1
Broadhead, G. C. *Columbia, Mo*	...	1
Brookline. Public Library	...	6
Brooklyn. Public Library	...	33
Brooklyn Institute of Arts and Sciences	1	13
Brosnahan, *Rev.* Timothy, *S. J. N. Y.*	...	1
Brown, Henry J. *London*	1	...
Brown & Sharpe Mfg. Co. *Providence*	1	...

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	Vols.	Phps.
Brown Shoe Co. *St. Louis*	1	...
Brown University. *Providence*	...	3
Brownlow, *Hon.* W. P	...	1
Bryn Mawr College	...	2
Buchmueller, S. *St. Louis*	...	12
Buffalo. Chamber of Commerce	...	1
—— Merchants' Exchange	...	1
—— Public Library	...	1
Buffalo Forge Co	1	...
Bullard Machine Tool Co. *Bridgeport, Conn*	...	1
Bunker Hill Boys' Club. *Boston*	...	1
Bunker Hill Monument Association	1	...
Burlington Route	...	12
Butler, *Hon.* Jas. J. *Washington*	1	...
Byrne, P. J. *St. Louis*	1	...
Caldwell, L. W. *Dorchester, Mass*	1	...
California. State Board of Architecture	...	1
—— State Library	...	4
Cambridge, *Eng.* Public Free Library	...	1
Cambridge, *Mass.* Public Free Library	...	12
Cambridge University. Library. *Eng*	...	1
Canada. Auditor General	2	1
—— Census Office	1	...
—— Department of Agriculture	1	5
—— Department of Customs	1	...
—— Department of Justice	...	1
—— Department of Railways and Canals	...	1
—— Department of Trade and Commerce	1	16
—— Geological Survey	2	15
—— Inland Revenue Laboratory	...	10
—— Interior Department	...	5
—— Minister of Finance	...	12
—— Minister of Public Works	1	...
—— Post Office Department	2	3
—— Public Lands Department	...	1
—— Superintendent of Immigration	1	...
Canadian Manufacturers' Association	1	...
Carnegie, Andrew. *Scotland*	2	2
Carpenter, *Mrs.* Geo. O. *St. Louis*	74	21
Carroll, C. B. *East St. Louis*	1	...
Carter, Charles S. *Milwaukee*	1	...
Cathedral Library Association, *N. Y*	...	9
Central Conference of American Rabbis. *Cincinnati*	...	1
Century Association. *N. Y*	1	...
Century Theater. *St. Louis*	...	70
Chaning, Walter. *Brookline, Mass*	...	1
Charity Organization Society of Buffalo	...	1
Chase, Wilfred Earl. *Madison, Wis*	1	...
Chase & Sanborn. *Chicago*	...	6
Chicago. Board of Education	...	4
—— Board of Health	...	40
—— Fire Marshal	1	1
—— Municipal Library and Bureau of Statistics	1	4
—— Public Library	...	4
—— South Park Commrs	...	1
Chicago & Alton R. R	...	3
Chicago & Northwestern R. R	...	10
Chicago Citizens' Association	...	5
Chicago Historical Society	...	1
Chicago, Milwaukee & St. Paul R. R	...	28
Chickering, Munroe	...	1
Chickering & Sons	1	...

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	Vols.	Phps.
Children's Aid Society. *N. Y.*	...	1
Children's Episcopal Hospital. *Cincinnati*	...	1
Churchill, James O. *St. Louis*	153	46
Cincinnati. Associated Charities	...	2
—— Public Library	...	18
—— Water Department	1	4
Cincinnati Punch & Shear Co	...	1
Civic Improvement League. *St. Louis*	...	6
Clark University. Library	...	2
Clark, *Miss* Edith M. *Lawrence, Kansas*	...	1
Clarke & Baker	...	3
Cleveland. Board of Public Service	...	1
—— Chamber of Commerce	1	...
—— Public Library	...	2
Cockrell, *Hon.* F. M. *Washington*	...	4
Coelho, Wm. Joseph. *Honolulu, H. I.*	...	2
Cole, George Watson. *N. Y.*	...	1
College Settlement. *N. Y.*	...	1
Colorado. Agric. Exp. Sta	...	4
—— Bureau of Mines	...	2
—— State Engineer	...	1
—— State Game and Fish Commissioner	1	...
—— State Normal School	...	1
Colorado Bar Association	...	1
Colorado College	...	2
Columbia Theater. *St. Louis*	...	84
Columbia University	1	4
Columbus. Public School Library	...	1
Commission of Colleges in New England. *Providence*	...	2
Congregational Home Missionary Society. *N. Y.*	...	1
Congres International des Bibliothecaires	...	1
Congress of American Physicians and Surgeons. *New Haven*	1	...
Connecticut. Agric. Exp. Sta	1	4
—— Bank Commissioners	1	...
—— Public Library Committee	1	1
—— Railroad Commissioners' Office	1	...
—— Secretary of State	...	2
—— State Board of Education	...	6
—— State Board of Health	2	...
—— State Library	9	9
Cook (Thos.) & Son. *N. Y.*	...	1
Cook Company. *Michigan City, Indiana*	...	1
Cornell College. *Mount Vernon, Iowa*	...	2
Cornell University	...	5
—— Agric. Exp. Sta	...	5
Cotchett, James Green. *St. Louis*	1	...
Council Bluffs. Free Public Library	...	1
Council of Law Reporting for England and Wales	...	1
Creighton University	...	1
Crisp, F. A. *London*	1	...
Crumb, D. S. *St. Louis*	...	1
Crunden, F. M. *St. Louis*	62	169
Crunden, *Mrs.* F. M. *St. Louis*	2	7
Crunden, *Mrs.* M. M. *St. Louis*	3	...
Cuenca, Laura M. de. *St. Louis*	1	10
Cuppies & Schoenhof. *Boston*	1	...
Daland, *Dr.* Judson. *Philadelphia*	...	1
Dante Society. *Cambridge, Mass*	...	1
Dartmouth College	...	1
Dawson, *Mrs.* Wm. *St. Louis*	1	...
Dean, *Miss* Clara Ruth. *St. Louis*	...	3
Deering, Charles. *Chicago*	1	...
Delaware. Adjutant General's Office	1	...
Denison, T. S. *Chicago*	1	...

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	Vols.	Phps.
Denver. Bureau of Health	...	8
—— Public Library	2	4
Denver Medical Publishing Co.	...	4
DePauw University	...	1
Detroit. Public Library	...	1
Deutsches Theater, Odeon. *St. Louis*	...	60
DeWolf, Edwin A. *St. Louis*	1	...
Dey, Edward M. *St. Louis*	1	...
Dillingham, *Mrs.* Stella. *St. Louis*	3	...
Dockery, John. *St. Louis*	1	...
Dominion Atlantic Railway. *Boston*	...	5
Drew Theological Seminary Library. *Madison, N. J.*	...	2
Drexel Institute. *Philadelphia*	1	2
Drury College. *Springfield, Mo.*	...	1
Dunne, M. W. *New York City*	...	1
Dutro, John M. *St. Louis*	...	1
Eau Claire, Public Library	...	1
Ecuador. War and Marine Department	...	12
Electrical World and Engineer. *N. Y.*	...	1
Eliot, Edward C. *St. Louis*	...	1
Ellis, Ellery Ware. *Everett, Mass.*	...	37
Ellis (G. H.) Co. *Boston*	1	...
Ellwanger & Barry. *Rochester*	...	3
Emery, Mary C. Bryant	...	1
Emmons, H. H. *Alliance, O.*	1	...
Engineers' Club. *St. Louis*	...	1
English League for the Taxation of Land Values	...	28
Enoch Pratt Free Library. *Baltimore*	...	1
Erie, *Pa.* Public Library	...	1
Ethical Society. *Philadelphia*	...	7
Evans, C. H. *St. Louis*	2	4
Evanston. Free Public Library	...	3
Evening Dispensary for Women. *St. Louis*	...	4
Fairmount College. *Wichita, Kansas*	...	1
Falbisaner, Adolph. *St. Louis*	...	3
Farbenfabriken of Elberfield Co. *N. Y.*	1	5
Farnsworth, Seth T. *Donerail, Kentucky*	1	...
Farnsworth Co. *Cincinnati, O.*	1	...
Field Columbian Museum. *Chicago*	...	18
Finsbury Public Libraries Commission. *London*	...	2
First Church of Christ, Scientist. *St. Louis*	1	...
Fitz Public Library. *Chelsea, Mass.*	...	1
Flersheim, George. *St. Louis*	2	...
Fletcher Free Library. *Burlington, Vt.*	...	1
Florida. Agric. Exp. Sta.	...	5
Foot, A. H. *St. Louis*	2	2
Forbes, *Miss* C. B. *St. Louis*	1	...
Fordyce, *Mrs.* S. W. *St. Louis*	11	...
Foundation Principles. *Home, Washington*	...	1
Fox, David F. *St. Louis*	1	...
France. Ministere des Affaires Estrangeres	1	...
—— Ministere des Travaux Publics	1	...
—— Ministere du Commerce	1	6
Francis, *Hon.* David R. *St. Louis*	1	...
Free Russia. *London*	...	1
Friedman Cigar Co. *St. Louis*	1	...
Friendly Sons of St. Patrick. *New York City*	1	...
Galesburg. Free Public Library	...	1
Gallinger, J. H. *Washington*	...	1
Genail, Nellie. *St. Louis*	1	...
Genealogical Society of Pennsylvania. Philadelphia	1	...
General Federation of Women's Clubs. *Charleston, S. C.*	...	4

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	Vols.	Phps.
General Society of Mechanics and Tradesmen. *New York City*	...	6
Georgetown University. *Washington, D. C*	...	2
Georgia. Experiment Station	2	10
—— Geological Survey	1	...
Gibson, *Mrs.* Wm. *London*	1	...
Gillis, J. L. *Sacramento, Cal*	...	1
Ginn & Co	1	...
Gloversville, *N. Y.* Free Library	...	2
Gordon, Jas. G. *St. Louis*	65	...
Gould Directory Co. *St. Louis*	66	...
Grand Lodge of Pennsylvania. *Philadelphia*	1	1
Grand Opera House. *St. Louis*	...	76
Grand Rapids, *Mich.* Board of Public Works	...	1
Grand Trunk Railway	...	6
Great Northern Railway	...	4
Greenbaum, Leon. *St. Louis*	...	1
Greer, *Rev.* David H. *New York City*	1	...
Gregory, C. R. *Paris*	1	...
Grosvenor Public Library. *Buffalo*	...	1
Gwynne Temporary Home for Children. *Boston*	...	1
Hamburg-American Line	...	4
Hammer and Pen. *New York City*	...	1
Harder, *Mrs.* Ida. *St. Louis*	3	1
Harper & Brothers	1	...
Hartford, *Conn.* Public Library	...	3
—— Theological Seminary	...	1
Harvard College Astronomical Observatory College	1	...
Harvard Universitry	3	5
Harvard University. Bussey Institution	...	1
Haskins, C. N. *St. Louis*	1	...
Hauser, *Dr. Karlsruhe, Germany*	...	8
Haverford College	...	1
Haverhill. Public Library	...	4
Havlin's Theater. *St. Louis*	...	84
Hawaii. Agric. Exp. Sta	...	1
—— Promotion Committee	...	2
—— Secretary's Office	...	15
—— Weather Bureau	...	4
Heginbottom Free Library. *Ashton-under-Lyne, Eng*	...	1
Helena. Public Library	...	2
Heller, Otto. *St. Louis*	1	...
Hereford. Free Library. *Hereford, Eng*	...	5
Hildebrand, Lee. *St. Louis*	9	...
Hinds & Noble	1	...
Historical and Scientific Society of Manitoba	...	3
Hitchcock, George. *St. Louis*	1	...
Hobart College. *Geneva, N. Y*	...	4
Hoboken, *N. J.* Free Public Library	...	2
Holland, M. L. *St. Louis*	1	224
Hollister, *Mrs.* Lillian M. *Detroit*	1	...
Holmes, Alice A. *Jersey City*	1	...
Home for Incurables. *Fordham, N. Y*	...	1
Hotchkiss, C. C. *Flora, Ill*	...	1
Houghton, Mifflin & Co	1	...
Hughes, *Dr.* Chas. H. St. Louis	1	30
Huguenot Society of South Carolina. *Charleston*	...	1
Humphrey, Geo. W. *Boston*	...	1
Hunt, *Hon.* John T. *Washington*	1	1
Illinois. Bureau of Labor Statistics	4	1
—— State Board of Agriculture	...	2
—— State Board of Arbitration	1	...
—— State Board of Pharmacy	1	...

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	Vols.	Phps.
Illinois. State Historical Library	1	...
—— State Horticultural Society	1	...
—— State Laboratory of Natural History	1	10
—— State Penitentiary	1	...
Illinois Central Railroad Co.	1	...
Illinois Masonic Home for the Aged	1	...
Illinois State Bar Association	1	...
Imperial Theatre. *St. Louis*	...	76
Improved Dwellings Association. *Boston*	...	1
Independent Labour Party. *London*	...	1
India. Government Printing Office	1	...
—— Public Works Department	3	...
Indian Rights Association. *Philadelphia*	...	4
Indiana. Department of Geology and Natural Resources	1	...
—— State Board of Charities	...	5
—— State Board of Health	...	11
—— State Library	21	52
Indiana Spring Co. *Kramer, Indiana*	...	1
Indianapolis. Public Library	1	2
Industrial School for Crippled and Deformed Children. *Boston*	...	1
Institut International de Bibliographie. *Brussels*	...	1
International Board of Woman's and Y. W. C. Ass'ns	...	1
Iowa. Board of Railroad Commissioners	1	...
—— Geological Survey	1	...
—— Historical Department	...	6
—— Library Commission	1	...
—— State Board of Health	1	1
—— State College. Experiment Station	...	11
Iowa Academy of Sciences	5	...
Iowa Bar Association	...	1
Iowa Masonic Library	...	5
Ireland. Dept. of Agricultural and Technical Instruction	1	...
Italy. Ministero d'Agricoltura, Industria e Commercio	1	140
—— Ministero del Tesoro	1	...
Japan. Bureau General of Statistics	1	...
—— Dept. of Agriculture and Commerce	1	...
—— Imperial Library	...	2
—— Imperial University, College of Medicine	1	...
Japan and America. *New York City*	...	1
Jersey City. Free Public Library	...	6
Jett (E. T.) Book and News Co. *St. Louis*	...	2
John Crerar Library. *Chicago*	...	4
John F. Slater Fund	...	1
John Rylands Library. *Manchester, Eng*	...	3
Johns Hopkins Press	...	1
Johns Hopkins University	...	5
Joint Committee for the Promotion of Electoral Reforms in Pennsylvania. *Philadelphia*	...	1
Joliet Public Library	...	4
Jones, *Hon.* S. M. *Toledo, O*	...	1
Joy, *Hon.* Chas. F. *St. Louis*	1	...
Judson, F. N. *St. Louis*	1	1
Julien, Matthew Cantine. *Ellenville, N. Y*	...	1
Kansas. State Agricultural College. Experiment Station	1	12
—— State Board of Agriculture	...	3
—— State Normal School	...	1
Kansas Academy of Science	1	...
Kansas Bar Association	...	1
Kansas City. Board of Education	1	1
—— Public Library	...	4
Karst, Emile. *St. Louis*	...	2
Kaviratna, Avinash Chandra. *Calcutta*	...	1

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	Vols.	Phps.
Kearns. Walter M. *Montreal*	...	1
Kentucky. Agricultural Experiment Station	...	8
—— Dept. of Agriculture, Labor and Statistics	1	...
—— Dept. of Public Instruction	2	...
Kenyon College. *Gambier, O*	...	1
Kieselhorst, *Miss* Emma. *St. Louis*	...	8
King, *Gen.* Horatio C. *Brooklyn*	...	1
King-Brinsmade Mercantile Co. *St. Louis*	1	...
Knights of Columbus. *Philadelphia*	...	1
Knox College. *Galesburg, Ill*	...	1
Knox Hat Manufacturing Co. *New York City*	...	1
Kohler, Charles. *Savannah, Ga*	...	1
Kroechl (Victor) & Co. *New York City*	...	1
Krug, *Miss* Julia. *St. Louis*	25	73
Kurtz, Charles M. *St. Louis*	...	2
LaCrosse, *Wisconsin.* Board of Trade	...	1
Lake Mohonk Conference on International Arbitration	...	10
Lancaster, *Mass.* Town Library	...	2
Lange, D. *St. Paul, Minn*	2	5
Langton, J. F. *St. Louis*	1	...
Larsen, Ludwig B. *Portland, Oregon*	1	...
Lawrence, *Mass.* Public Library	...	1
—— Water Board	...	1
Lawyers' Co-operative Publishing Co. *Rochester, N. Y*	...	1
Learned, *Mrs.* J. C. *St. Louis*	375	280
Leeds. Public Free Libraries	...	1
Lehigh University. *South Bethlehem, Pa*	...	2
Leland Stanford Junior University. Library	2	...
Lenehan, John J. *New York City*	5	2
Lewis, Charles. *St. Louis*	...	3
Lewis Institute. *Chicago, Ill*	...	1
Libbie (Chas. F.) & Co. *Boston*	...	3
Librarie Centrale des Beaux-Arts. *Paris*	...	7
Library Company of Philadelphia	...	2
Lick Observatory	1	...
Lieberthal, *Dr.* Daniel. *Chicago*	...	2
Life Publishing Co. *New York City*	1	...
Light of Truth Office. *Chicago*	3	...
Liverpool, *Eng.* Public Libraries, Museums and Art Galleries	1	1
Lombard, Louis. *Lugano, Switzerland*	...	1
Longmans, Green & Co. *New York City*	2	1
Los Angeles. Public Library	...	12
Louisiana. Adjutant General	...	1
—— State Board of Agriculture	1	12
—— State University. Agric. Exp. Sta	...	2
Louisiana Purchase Exposition	8	356
Louisville Army Corps Society	...	1
Lowell Observatory. *Flagstaff, Arizona*	...	8
Ludlow, *Major* Henry H., *U. S. A. Chicago*	...	1
Lutz, Chas. *St. Louis*	5	10
Lyman, Benj. Smith. *Philadelphia*	...	2
Lynn, *Mass.* Public Library	...	1
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